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STATISTICAL TABLES

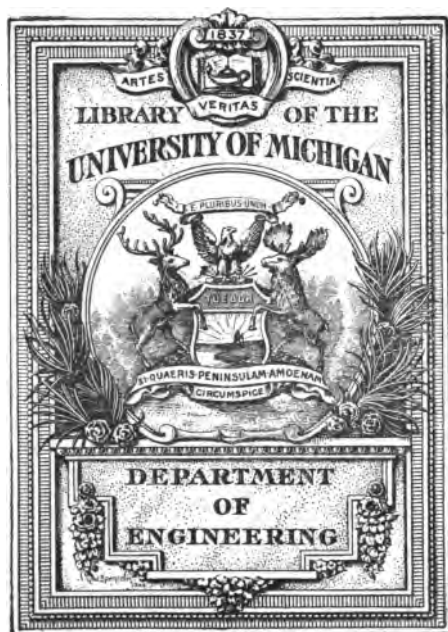
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AMERICAN WATER-WORKS,

—BY—

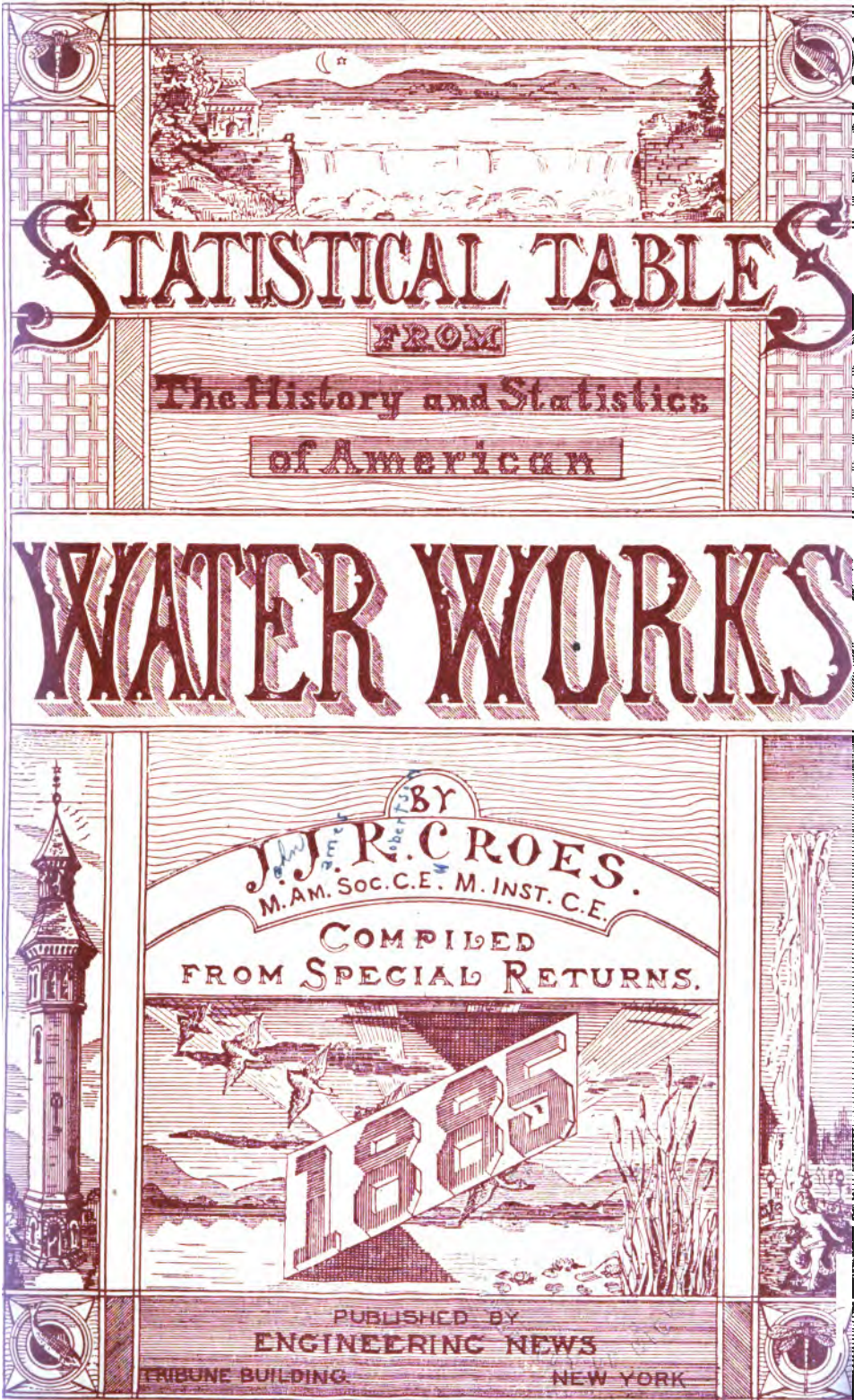
J. J. R. CROES,

1885.



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Introduction.

The favor with which the first issue of these tables was received, and the general interest manifested in the subject, have encouraged the compiler to issue a revised edition, bringing the information to the present date, as far as possible.

The first of the following tables contains the names of all places in the United States and Canada in which Water Works are known to be in operation or in course of construction.

These names, 989 in number are arranged in alphabetical order, and the ownership, the date of construction, source and mode of supply, the cost of the works and the names of the principal officers are given.

Two numbers are prefixed to each name, the first one designating its order in the second table, which contains the principal statistics of the condition and operating of the works, and is arranged according to the population of the towns by the U. S. census of 1880, thus enabling the works of towns of nearly the same size to be more readily compared.

The second number is that belonging to the descriptive sketch of the works in "The History and Statistics of American Water Works" which has been in course of publication weekly in *Engineering News* since March 1881.

All of the information given in these tables is derived from special returns made to the author by officers of the works or residents of the towns.

There are still 97 towns from which no reply can be obtained.

Since the publication of the first issue, 186 names have been added to the list, and more or less complete information obtained from 290 towns which had not previously replied.

Of the towns which had previously replied, 332 have furnished later and fuller statistics of the operation of their works up to the close of their last fiscal year.

The compiler desires to express his thanks to the many persons who have aided him in procuring the information embodied in these tables.

In the compilation and reduction of the statistics, much valuable service has been rendered by Mr. Charles W. Hunt, M. Am. Soc. C. E.

J. J. R. CROES.

September 30, 1884.

Alphabetical List of Towns
which have a Public Water Supply.

ABI-ARL.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
669	434	Abilene	Kansas	2,360	1882	Company	Ground water.
666	511	Adams	Massachusetts	2,388	1873	Town	Surface water.
284	697	Adrian	Michigan	7,849	1884	Company	Well.
688	379	Agawam	Massachusetts	2,216	1877	Company	Springs.
139	155	Akron	Ohio	16,512	1881	Company	Ground water.
385	301	Alameda	California	5,708	1875	Company	Artesian wells.
22	21	Albany	New York	90,758	1813 1850	City	Surface water and Hudson River.
676		Albuquerque	N. Mexico	2,315	in progress	Company	Well.
161	55	Alexandria	Virginia	13,659	1851	Company	Surface water.
678	181	Allegan	Michigan	2,305	1871	Village	Ground water.
25	26	Allegheny	Pennsylvania	78,682	1847	City	Allegheny R.
123	152	Allentown	Pennsylvania	18,063	1827	City	Springs.
441	539	Alliance	Ohio	4,636	1883	Company	Mahoning R.
874	633	Alma	Michigan	925	1882	Village	Pine River.
359	232	Alpena	Michigan	6,153	1879	Company	Thunder Bay and Thunder Bay R.
250	104	Alton	Illinois	8,975	1875	Company	Mississippi R.
110	79	Altoona	Pennsylvania	19,710	1871	City	Surface water.
302	737	Amesbury and Salisbury	Massachusetts	7,434	1884	Company	Tube wells.
930	512	Amesville	Connecticut	377	1872	Housatonic R. R. Co.,	Spring.
462	399	Amherst	Massachusetts	4,298	1880	Company	Mill River.
238	550	Amsterdam	New York	9,466	1883	Town	Surface water.
885		Anaheim	California	833		Town	
707	142	Anamosa	Iowa	2,083	1874	Company	Wapsipinicon R.
921	285	Andes	New York	496	1876	Company	Springs.
338	383	Annapolis	Maryland	6,642	1865	Company	Surface water and springs.
870	537	Anniston	Alabama	942	1884	Company	Well.
516		Ansonia	Connecticut	3,855	1869	Company	Surface water.
280	603	Appleton	Wisconsin	8,005	1883	Company	Artesian well.
595	592	Archbald	Pennsylvania	3,049	1875	Company	Surface water.
485	448	Arlington	Massachusetts	4,100	1872	Town	Surface water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
669	Pump direct	Holly Man. Co.	\$ 65,000	\$ 25,000	6	J. E. Bonebrake, P. W. H. H. Bonebrake, S.
666	Gravity . .		130,000	130,000	5	C. A. Waters, Sup.
284	Pump direct	Holly Man. Co.				S. L. Wiley, Pres. R. H. Baker, Sup.
688	Gravity . .		6,000	none		C. L. Goodhue, Own.
139	Pump to res.	H. R. Worthington.	250,000	200,000	6	F. Adams, Pres. E. J. Frost, Sec. & T
385	Pump to tank	H. R. Worthington.				Dell Linderman, S.
22	Gravity & pump to reservoir.	West Point Foundry. Quintard Iron Works.	1,550,000	1,090,000		G. W. Carpenter, S.
676	Pump to res.	Holly Man. Co.		80,000	8	W. K. P. Wilson, P & T
161	Pump to res.		100,000			Francois J. Power, S.
678	Pump direct	Holly Man. Co.	60,000	10,000	10	Clark Nichols, Sup.
25	Pump to res.	A. Hartupsee. Lowry.	1,360,717	593,000.		Edw. Armstrong, S.
123	Pump to res. & stand-pipe.	Bush Hill Works. W. F. Mosser & Co.	209,165	111,600	4-4-48	S. S. Thompson, S.
441	Pump direct & to tank.	H. R. Worthington.	110,000	not given		J. A. Cloud, P. & M.
874	Pump direct	M. Walker.	6,000	5,000	6	J. F. Schwartz.
359	Pump direct	Holly Man. Co. Dixon.				W. H. Johnson, Sec
250	Pump to tanks.	Dean Brothers. H. R. Worthington.	105,000			Henry Watson, Pres
110	Gravity . .		300,000	200,000	7 ³ / ₁₀	John A. Baer, Sup.
302	Pump to res.	H. R. Worthington.	60,000			R. F. Briggs, Pres. E. R. Sibley, Treas.
930	Gravity . .					N. Slingland, Man.
462	Gravity . .		unknown	none		S. A. Phillips, Sup. E. D. Bangs, Sec.
238	Gravity . .		250,000	250,000	5	A. H. Degraff, Sup. J. McClumpha, Sec.
885	Pump . .		no returns			
707	Pump to res. & pump direct.	Cope & Maxwell Co.	15,000	6,000	8	G. W. Russell, Sec.
921	Gravity . .		7,000	none		B. Johnson, S. & T. T. S. Miller, Sup.
338	Pump to res.	H. R. Worthington.	65,000	27,000	6	R. W. Martin, Pres.
870	Pump to tank	Noble Bros. & Co.	60,000	none		E. W. Hull, Sup.
56	Gravity and pump direct.	Deane Steam Pump Co. Pulsometer.		no returns		D. Bartholemew, S.
280	Pump direct	Deane Steam Pump Co.	Capital Stock 100,000			S. L. Wiley, Pres. J. M. Payne, Sec. E. C. Cook, Sup.
595	Gravity . .		18,000	1,200	5	J. J. Williams, Pres. Thos. Law, Sec. J. Bishop, Sup.
485	Gravity . .		433,636	300,000	5-6	S. Stickney, Sup.

ASH-BAT.

No. in Sta- tistics	No. in His- tory	Name of Town.	State or Province	Population 1880	Date of Construction of Works.	By whom owned	Source of Supply.
779	698	Ashburnham	Massachusetts	1,666	1870	Company	Springs.
645	700	Asheville	N. Carolina	2,616	1884	City	Springs and sur- face water.
946		Ashland	Minnesota		in progress		
365	331	Ashland	Pennsylvania	6,052	1876	Borough	Surface water.
947		Astoria	Montana		in progress		
622	699	Astoria	Oregon	2,803	1870 1884	Company	Bear Creek.
153	191	Atchison	Kansas	15,105	1880	Company	Missouri R.
361	701	Athens	Georgia	6,099	1884	Company	Springs.
673		Athens and Sayre	Pennsylvania	2,321	In progress	Company	Susquehanna R.
902	606	Athens Asylum	Ohio	725	1873	State	Ground water.
461	300	Athol	Massachusetts	4,307	1876	Company	Surface water.
52	77	Atlanta	Georgia	37,409	1875	City	Surface water.
536	612	Atlantic	Iowa	3,662	1882	Company	Surface water.
392	523	Atlantic City	New Jersey	5,477	1882	Company	Ground and sur- face water.
698	565	Attica	Indiana	2,150	1874	City	Springs.
724	176	Attica	New York	1,935	1879	Company	Surface water.
205	311	Attleboro	Massachusetts	11,111	1873	Town	Wells and Mill R.
236	192	Auburn	Maine	9,555	1869	Company	Lake Auburn.
92	108	Auburn	New York	21,924	1865	Company	Owasco Lake.
889	690	Audubon	Iowa	792	1882	City	Ground water.
94	138	Augusta	Georgia	21,891	1828 1861	City	Savannah Riv.
259	564	Augusta	Maine	8,665	1873	Company	Surface water.
775	386	Austin	Nevada	1,679	1865	Company	Tunnel in Moun- tain.
208	622	Austin	Texas	10,960	1875 1882	Company	Colorado Riv.
786	166	Avon	New York	1,617	1857	Company	Springs.
891	702	Bainbridge	New York	781	1883	Company	Artesian wells and springs.
606	566	Ballston Spa	New York	3,011	1869	Village	Springs.
7	7	Baltimore	Maryland	332,313	1804 1880	City	Jones' Falls and Gunpowder Riv.
134	92	Bangor	Maine	16,856	1875	City	Penobscot R.
434	186	Batavia	New York	4,845	1865	Company	Towanda Cr.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works	Bonded Debt.	Rate of interest	Officers of Works.
779	Gravity		\$ 10,000	none		J. W. Adams. W. R. Adams. G. G. Rockwood.
645	Gravity					T. W. Patton, Sup & S
946	Pump	Holly Man. Co.				
365	Gravity		62,000	\$50,000	6-4	Jas. O'Neil, Sup. Frank Rentz, Clerk
947		in progress.				
622	Gravity		80,000			J. W. Welsh, Sup.
153	Pump to res.	Cope & Maxwell Co.	150,000	80,000	7	J. R. Lionberger, P. E. S. Wills, Sup.
361	Pump to tank.	Geo. F. Blake Man. Co.		75,000	5	W. H. Howell, Pres. W. H. Malon, Sup.
673	Pump to res.	H. R. Worthington,		none		Howard Elmer, Pr. Wm. Stevenson, S.
902	Pump to res.	Dean Bros. Gordon & Maxwell Co.				R. E. Hamblin, Stew'd
461	Gravity.		89,000			S. L. Wiley, Pres. J. B. Cordary, Sup.
52	Pump direct.	Holly Man. Co.	400,000	440,000	7	W. G. Richards, Sup.
536	Pump direct.	Holly Man. Co.	73,000	50,000	6	J. C. Yetzer, Pres. L. Young, Sec.
392	Pump to tank.	H. R. Worthington,	250,000			W. Wood, Pres. E. Graves, Sec. & S.
698	Pump to res.	Dean Bros,	40,000	20,000		M. Blont, City Tr. S. Clark, City Clerk.
724	Gravity.			40,000	6	M. S. Frost, Pres. H. W. Frost, S. & Tr.
205	Pump to tank	Geo. F. Blake Man. Co. H. R. Worthington.	80,000	61,000	7	G. B. Fitts, Reg.
236	Gravity, pump direct and pump to tank.	H. R. Worthington,	250,000	none		F. M. Jordan, Pres. N. J. Jordan, Tr.
92	Pump direct.	Holly Man. Co,	300,000			A. G. Beardsley, P. N. B. Eldred, S. & Tr
889	Pump to tank.	U. S. Wind Eng. & Pump Co.	6,500	5,600	5	J. M. Love, Mayor. E. J. Freeman, Mar.
94	Pump direct and pump to tank.	I. P. Morris & Co. H. R. Worthington.	200,000			A. H. Davidson, S. & E.
259	Gravity and pump direct.	Knowles Steam Pump Works.	30,000			J. A. Fairbanks, S. G. C. Vose, Treas.
775	Gravity.		20,000	none		H. H. Allen, Sec. Wm. Foster, Agt.
208	Pump direct.	Holly Man. Co.	350,000	350,000	7	M. D. Mather, Pres. D. L. Wickes, S. & Tr
786	Gravity.		14,000	none		Wm. Nesbit, Pres. S. Hosmer, Sup.
891	Pump.		18,000	10,000	6	J. M. Roberts, Owner
606	Gravity.		100,000	75,000		Henry White, Sup.
7	Gravity and pump to res.	H. R. Worthington,	10,375,649	9,500,000	6-5-4	R. K. Martin, Ch E.
134	Pump direct.	Holly Man. Co.	500,000	500,000	6	F. E. Sparks, Sup. G. W. Snow, Clerk.
434	Pump to tank and pump direct.	La France Man. Co. Holly Man. Co. Knowles Steam P. W.	60,000	none		D. A. McDonald, Own

BAY-BOO

No. in Sta- tion	No. in His- tory	Name of Town	State or Province.	Population 1880	Date of Construction of Works	By whom owned	Source of Supply.
104	37	Bay City	Michigan	20,693	1872	City . .	Saginaw Bay.
		Bayonne	New Jersey	9,372			Supplied from Jersey City.
415	99	Beaver Falls	Pennsylvania	5,104	1875	Company	Beaver River.
716	101	Bedford	Pennsylvania	2,011	1872 1876	Town .	Springs.
279	102	Bellaire	Ohio	8,025	1872	City . .	Ohio River.
501		Bellefontaine	Ohio	3,998	in progress	. .	
599	514	Bellefonte	Pennsylvania	3,026	1807	Town .	Springs.
696	573	Bellevue	Ohio	2,169	1873	Town .	Surface water.
686	308	Bellows Falls	Vermont	2,229	1848	Village	Springs.
754	692	Belton	Texas	1,797	1884	City . .	Leon River.
760	357	Belvidere	New Jersey	1,773	1878	Company	Delaware River.
755	543	Benicia	California	1,794	1880	Company	Sulphur Spring. Valley Creek.
785	607	Berthier	Quebec	1,620	1879	Company	St. Lawrence R.
706	267	Berwick	Pennsylvania	2,095	1848	Company	Spring.
761	233	Bethel	Connecticut	1,767	1878	Borough	Surface water.
410	289	Bethlehem	Pennsylvania	5,193	1762 1874	Borough	Spring.
		Beverly	Massachusetts	8,456			Supplied from Salem.
114		Biddeford & Saco	Maine	19,040	in progress	Company	Saco River.
545	249	Big Rapids	Michigan	3,552	1871	City . .	Muskegan R.
129	73	Binghamton	New York	17,317	1868	City . .	Wells & Susque- hanna River.
772	593	Birdsboro	Pennsylvania	1,705	1883	E. & G. Brooke Iron Company	Surface water.
590	98	Birmingham	Alabama	3,086	1873 1883	Company	Village Creek.
600	97	Birmingham	Connecticut	3,026	1860	Company	Surface water.
839	283	Blairsville	Pennsylvania	1,162	1872	Borough	Conemaugh Riv.
		Bloomfield	New Jersey	5,748	in progress		Supplied from East Orange.
130	149	Bloomington	Illinois	17,180	1875	City . .	Ground water.
534	268	Bloomsburg	Pennsylvania	3,702	1880	Company	Fishing Creek.
794	703	Blue Island	Illinois	1,542	1876 1884	Village .	Well.
633		Bodie	California	2,712		Company	Mine water.
565	704	Boone	Iowa	3,330	1884	City . .	Artesian well.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
104	Pump direct	Holly Man. Co.	\$370,758	\$377,000	8	E. L. Dunbar, S. & S.

Supplied from Jersey City

415	Pump direct	Holly Man. Co. H. R. Worthington.	30,000			W. H. Chandley, S.
716	Gravity . .		34,000			G. C. Hawkins, S.
279	Pump to res.	A. J. Sweeney & Son Hobbs, Taylor & Co.	125,000	125,000	6	H. G. Wilson, S. & S.
501		no returns				J. N. Zearing, S.
599	Pump to res.	Knowles Steam P. W.	100,000	118,995	7-6-5	W. W. Bateman, S.
696	Pump to stand- pipe.	Knowles Steam P. W.	38,000	36,000	8-6-5	A. Woodward, P. G. Woodward, S. & S.
686	Gravity . .		60,000	47,700	6-5	F. H. Brown, Sup.
754	Pump to tank.	H. R. Worthington.	41,000	41,000		
760	Pump to stand- pipe.	Geo. F. Blake Man. Co.	22,000	none		J. H. King, Sup.
755	Pump to res.	Knowles Steam P. W.	79,000	30,000	10	S. C. Gray, S. & S. & Tr. I. A. Skinner, Sup.
785	Pump to tank & pump direct.	G. A. Pont Briand.	20,000			J. U. Foucher, Owner.
706	Pump to res.			none		S. B. Bowman, S.
761	Gravity . .		28,000	25,000	6	E. W. Gilbert, S. & S.
410	Pump to tank & pump direct.	A. S. Cameron. Bush & Muhlenburg.	38,000	30,000	52	A. S. Bishop, Chn. Chas. Bodder, Sup.

Supplied from Salem

114	Pump to res.	Deane Steam Pump Co.	300,000	300,000	5	J. P. Gilman, Pres. G. P. Weacott, Tr.
545	Pump direct	Holly Man. Co. Geo. F. Blake Man. Co.	80,000			Geo. H. Lincoln, S.
129	Pump direct	Holly Man. Co.	258,605	192,500	7-5	Darwin Felter, S.
772	Gravity . .		40,000	none		J. Scheible, Sup.
590	Pump to res.	H. R. Worthington.	150,000	none		H. W. Caldwell, P. W. J. Milner, Sup.
600	Gravity		75,000	8,000	5	S. N. Summers, P. C. H. Nettleton, Agt.
839	Pump to res.		25,000	19,350	6	John Bruce, Sup.

Supplied from East Orange

130	Pump to stand- pipe.	H. R. Worthington. Geo. F. Blake Man. Co.	120,000	75,000	8	M. X. Chuse, Sup.
534	Pump to res.	H. P. M. Birkinbine. H. R. Worthington.	40,000	9,000	5	Jno. Fowler, Sup. F. P. Billmeyer, Sec. and Tr.
794	Pump to tank		20,000	10,000	6	John Steffe, Chn.
633	Pump		no returns			F. A. Read, Sup.
565	Pump to tank.	Geo. C. Morgan	20,000	20,000	6	Geo. H. Welch, Chn.

BOO-BUR.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned	Source of Supply.
517	643	Boonville .	Missouri .	3,854	1883	Company	Missouri Riv.
465	278	Bordentown	New Jersey	4,258	1856	Company	Delaware R.
5	5	Boston . .	Massachusetts	362,839	1848 1878 1864	City . .	Lake Cochituate. Sudbury River, Mystic Lake.
593	302	Boulder .	Colorado .	3,069	1875	City . .	Boulder Creek
414	413	Bowling Green	Kentucky	5,114	1868	Town .	Barren River
853		Boyerstown	Pennsylvania	1,099		no returns	
243	293	Bradford .	Pennsylvania	9,197	1877	City .	Marilla Brook.
674	705	Brainerd .	Minnesota .	2,319	1883	Company	Mississippi R.
613	442	Brampton .	Ontario .	2,900	1882	Town .	Snell's Lake.
570	505	Brandon .	Vermont .	3,280	1879	Fire Dist.	Hitchcock Pond.
276	385	Brantford .	Ontario .	8,107	1870	Company	Creek.
451		Brattleboro	Vermont .	4,471		Company	Springs.
557	595	Brazil .	Indiana . .	3,441	1875	City . .	Ground water.
78	471	Bridgeport	Connecticut	27,643	1818 1857	Company	Surface water.
256	170	Bridgeton	New Jersey	8,722	1877	City . .	East Lake.
627		Bristol . .	Connecticut	2,763	in progress	Company	
404	288	Bristol .	Pennsylvania	5,273	1874	Company	Delaware Riv.
368		Bristol .	Rhode Island	6,028	1882	Company	Surface water.
163	482	Brockton .	Massachusetts	13,608	1870 1881	City . .	Surface water.
346	644	Brockville	Ontario . .	6,500	1884	Company	St Lawrence R
277	360	Brookline	Massachusetts	8,057	1875	City . .	Ground water
3	3	Brooklyn	New York.	566,663	1859	City . .	Surface water
702	641	Brookville	Pennsylvania	2,136	1883	Company	North Fork Creek
519	642	Bucyrus .	Ohio . .	3,835	1884	Company	Ground water.
892		Buda . .	Illinois . .	778		Company	
701	581	Buena Vista	Colorado .	2,141	1883	Town.	Cottonwood Cr'k
14	12	Buffalo .	New York.	155,134	1852	City . .	Niagara Riv.
111	78	Burlington	Iowa . .	19,450	1878	Company	Mississippi R .
362	179	Burlington	New Jersey	6,090	1804 1867	City . .	Delaware Riv.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works	Bonded Debt.	Rate of Interest.	Officers of Works.
517	Pump to tank and to reservoir	Smith, Vaile & Co.	\$ 83,000	\$ 50,000	6	R. Hadelich, Sup.
465	Pump to res.	H. R. Worthington	40,000			J. M. Steele, Sup.
	Gravity		17,775,956	11,631,274	6	H. M. Wightman. E. R. Jones, Sup.
5	Pump to res.	H. R. Worthington	1,648,452	1,127,000	6	D. Fitzgerald, Sup. R. Cutts, Sup.
593	Gravity . .		48,000	45,000	10	Sam, Piper, Sup.
414	Pump to res.	H. R. Worthington	100,000	80,000	6	J. H. Wilkerson, Sup.
853		no returns.				
243	Gravity . .		83,000	83,000	6	C. K. McCafferty, S'c. C. J. Lane, Sup.
674	Pump direct.	Geo. F. Blake Man. Co				O. H. Havill, Sec.
613	Gravity . .		60,000	60,000	5	M. M. Elliott, Chn.
570	Gravity . .		40,000	40,000	5	C. W. Briggs, Chn.
276	Pump to tank & pump direct	H. R. Worthington Watrous & Co.	54,358	40,258		I. Cockshutt, Pres. T. S. Shenson, S. & T.
451	Gravity . .	no returns.				
						Several small Co's.
557	Pump direct.	Dean Bros.	45,000	30,000	8	L. O. Schultz, Sup.
78	Gravity and pump to res.	H. R. Worthington	500,000			G. Richardson, Sup.
256	Pump to res.	H. R. Worthington	91,061	80,000	7-5	T. Woodruff, Sup.
627		in progress.				
						C. S. Treadwell, S & T
404	Pump to stand-pipe.	H. R. Worthington	39,450	none		A. K. Joyce, Sup.
368	Pump to res.	Knowles Steam P. W.				Geo. H. Norman, Ow. Wm. J. Miller, Sup.
163	Gravity . .		203,915	200,000	6-5-4	W. W. Cross, Chn.
346	Pump direct.	Holly Man. Co.	185,000			J. B. A. Beique, Ow. E. A. Overall, Man.
277	Pump to res.	H. R. Worthington	636,197	593,000	7-4½	F. F. Forbes, Sup.
3	Pump to res.	Wookruff & Beach, Hubbard & Whittaker, W. E. Worthen, J. F. Loretz, H. R. Worthington.	11,990,592	10,452,000	7-6-5-4	R. Van Buren, C. E.
702	Pump to tanks.	H. R. Worthington	16,000	none		S. J. Marlin, Pres. W. D. J. Marlin, S & S
519	Pump direct.	M. Walker.	66,000	50,000	6	James B. Gormly, P John A. Eaton, Sec.
892	Pump to tank.	no returns.				
						A. D. Boal, Sec.
701	Gravity . .		30,000			not given.
14	Pump to res. & pump direct.	Holly Man. Co. H. R. Worthington Sheppard Ir'n W'ks	3,718,880	2,871,882		Louis H. Knapp, Sup.
111	Pump direct.	Holly Man. Co.	285,000	200,000		Chas. Hood, Sup.
362	Pump to tank.	H. R. Worthington Holly Man. Co.	65,000	58,000	7-6	H. S. Haines, S. & Tr.

BUK-CHA.

No. in Sta- tistics	No. in Mis- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supp'y.
200	443	Burlington	Vermont	11,365	1867	City . .	Lake Champlain.
581		Butler . .	Pennsylvania	3,163		Company	
563		Butte City	Montana	3,363	1882	Company	
689		Cadillac .	Michigan	2,213		Company	
34	28	Cambridge	Massachusetts	52,669	1855	City . .	Fresh Pond.
47	390	Camden .	New Jersey	41,659	1860	City . .	Delaware River
841	425	Canaan . .	Connecticut	1,157	1879	Company	Springs.
715	177	Canajoharie, New York .		2,013	1852	Company	Springs.
384	660	Canandaigua	New York	5,726	1884	Company	Canandaigua Lake
898		Candelaria	Nevada . .	756	1881	Company	Springs.
800	355	Canon City	Colorado . .	1,501	1880	Company	Ground water.
526	706	Canton, . .	Illinois . .	3,762	1884	City . .	Wells.
182	640	Canton . .	Ohio . .	12,258	1869	City . .	Surface water.
773		Cape May	New Jersey.	1,699		Company	
288	196	Carbondale	Pennsylvania	7,714	1867	Company	Surface water.
424	530	Carleton. .	N. Brunswick	5,000	1860	City . .	Lakes.
356	409	Carlisle . .	Pennsylvania	6,209	1854	Company	Conodoguinet Cr'k
677		Carrollton .	Missouri . .	2,313	no returns		
468		Carson City	Nevada . .	4,229		Company	
480	389	Carthage .	Missouri . .	4,167	1882	Company	Spring River.
594	376	Catasauqua	Pennsylvania	3,065	1842	Company	Lehigh River.
459	707	Catskill . .	New York .	4,320	1884	Village .	Hudson River.
230	284	Cedar Rapids	Iowa . .	10,104	1876	Company	Cedar River.
642		Central City	Colorado . .	2,626		Company	
	75	Central Falls	Rhode Island	13,765			Supplied from Pawtucket.
738		Centralia .	Pennsylvania	1,886		Company	
834	667	Chamberlain	Dakota . .	1,200	1884	City . .	Missouri River.
	373	Chambersburg	New Jersey	5,437			Supplied from Trenton.
328	567	Chambersburg	Pennsylvania	6,877	1876	Town .	Surface water.
614	452	Charleston	Illinois . .	2,867	1876	City . .	Embarras Riv.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
200	Pump to res.	H. R. Worthington	\$298,062	\$244,900	6-5	H. A. Storrs, Sup.
581	Pump . . .		no returns			W. M. Meredith, Man.
563	Gravity . . .		no returns			
689	Pump . . .	Deane Steam P. Co.				H. N. Green, Owner.
34	Pump to stand-pipe and to res.	H. R. Worthington	1,751,345	1,423,500		Hiram Nevons, Sup. J. W. Cotton, Reg.
47	Pump to res.	H. R. Worthington I. P. Morris G. F. Blake Man. Co		400,000	7	W. D. Middleton, Sup.
841	Gravity . . .		8,000	none		S. A. Bennett, Sup.
715	Gravity and pump to res.	Rumsey & Co.	22,000	12,000	6	E. C. Mosher, Pres. L. B. Clark, Sec. & Sup.
384	Pump to tank	H. B. Worthington		100,000	6	F. B. Merrill Pres. W. D. Munger, Man. F. W. Allen, Sec.
898	Gravity . . .		no returns			E. B. Cushman, Rec.
800	Pump to res. and pump direct.	Geo. F. Blake Man. Co.	75,000	20,000	8	J. H. Peabody, Sec. David Caird, Sup.
526	Pump . . .	H. R. Worthington	18,000	38,000	6	W. W. Ellis, Sup.
182	Pump direct.	H. B. Worthington Cameron	200,000			Paul Field, Sec.
773			no returns			
288	Gravity . . .		25,000	none		L. Egerton, Sec. & Tr. J. B. Van Bergen, Sup.
424	Gravity . . .		131,000	131,000	6	G. F. Harding, Cha. J. Alfred Ring, Sup.
356	Pump to res.	F. Gardner Dean Brothers		25,000	6	J. G. Heiser, Sec. & S.
677	Pump . . .	Holly Man. Co.		no returns		
468	Gravity . . .			no returns		A. Helm, Sup.
480	Pump to tank and direct.	Knowles Steam P. W.	65,000	50,000	6	D. S. Thomas, Pres. & S. C. L. Bartlett, Sec. & T.
594	Pump to stand-pipe.		50,000			Joseph Hunt, Sup.
459	Pump to res.	Davidson S. P. Co.	135,000	135,000	4	E. Lampman, Com. Robt. Beach, Sup.
230	Pump direct.	McGowan	135,000	65,000	8	C. B. Soutter, Pres. C. J. Fox, Sup. & Eng.
642	Gravity . . .		no returns			Wilson Bros.

Supplied from Pawtucket.

738	Pump . . .		no returns			C. E. Nock, Sup.
834	Pump to res.	H. R. Worthington	15,000			

Supplied from Trenton

328	Pump to res. and pump direct.	H. P. M. Birkinbine	55,000	47,000	6	A. C. McGrath, Sup.
614	Pump direct.	Dean Bros.	47,500	30,000	10	A. F. Walker, Sup.

CHA-COH.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
39	51	Charleston	S. Carolina	49,984	1880	Company	Artesian well.
197	5	Charlestown	Massachusetts	11,514	1864	City	Mystic Lake.
315	350	Charlotte	N. Carolina	7,094	1882	Company	Springs.
857		Chase	Michigan	1,087		City	
905	290	Chateaugay	New York	680	1880	Company	Springs.
176	446	Chattanooga	Tennessee	12,892	1864	Company	Tennessee Riv.
682	628	Cheboygan	Michigan	2,269	1882	Village	Artesian well.
96	253	Chelsea (Boston)	Massachusetts	21,782	1867	City	Mystic Lake.
795	424	Cheshire	Massachusetts	1,537	1876	Company	Thunder Brook.
154	93	Chester	Pennsylvania	14,997	1867	City	Delaware R.
556		Cheyenne	Wyoming	3,456		City	
4	4	Chicago	Illinois	503,185	1840	City	Lake Michigan.
569		Chico	California	3,300		Company	
308	184	Chicopee	Massachusetts	7,286	1845 1877	Company	Springs and Chicopee River.
499	637	Chicopee Falls	Massachusetts	4,000	1883	Company & Village	Chicopee River.
209		Chillicothe	Ohio	10,938	1882	Company	
8	8	Cincinnati	Ohio	255,139	1820	City	Ohio River.
439		Claremont	N. Hampshire	4,704		Company	
838	605	Clarion	Pennsylvania	1,169	1875	Company	Clarion River.
514	394	Clarksville	Tennessee	3,880	1879	Company	Cumberland R.
765		Clay Centre	Kansas	1,753	in progress	Company	Ground and surface water.
742	682	Cleburne	Texas	1,855	1884	City	Springs.
11	11	Cleveland	Ohio	160,146	1853	City	Lake Erie.
246	129	Clinton	Iowa	9,052	1874	Company	Mississippi R.
278	484	Clinton	Massachusetts	8,029	1883	Town	Surface water.
926		Cloverdale	California	430		Company	
667		Clyde	Ohio	2,380	1884	Town	Raccoon Creek.
626	498	Coatesville	Pennsylvania	2,766	1870	Borough	Spring.
840	461	Cochituate Village.	Massachusetts	1,161	1878	Town	Springs and surface water.
112	568	Cohoes	New York	19,416	1848 1857	City	Mohawk River.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
39	Pump to tank.	Knowles Steam Pump Works		\$ 300,000	6-5	Z. Davis, Sec. & Tr.
197	Pump to res	H. R. Worthington				Works owned by Boston.
315	Pump to tank.		\$ 100,000	100,000	6	G. Ferris, Sup.
857	Pump	Deane Steam Pump Co.	no	returns		C. J. Backant, Ch.
905	Gravity		10,000	none		J. Hughes, Sup.
176	Pump to res	Woodward Pump Co. Knowles Steam Pump Works	130,000	80,000	7	A. M. Johnson, Pres.
682	Pump direct	M. Walker	27,000	25,000	6	G. W. Bell, Ch. J. P. Sutton, Sec.
96	Pump to res	H. R. Worthington	354,211	200,000	6	C. Lombard, Man.
795	Gravity		15,000	none		R. A. Burget, Man.
154	Pump to res	C. A. Weidner	79,000			H. C. Eyre, Sup.
556	Gravity and pump direct		no	returns		W. G. Provines, C. E.
4	Pump to stand-pipe	Morgan Iron Wk's Quintard Iron Wk's Fort Pitt Foundry	9,695,956	3,490,000 132,000 333,000	7 6 3%	D. C. Cregier, Com.
569	Pump		no	returns		J. W. Henderson, Asst. Sup.
308	Gravity and pump direct		62,000	none		W. C. McClallan, P. E. R. Stickney, Clk.
499	Pump to res		20,000	14,250		H. J. Boyd, Tr.
209	Pump to res	H. R. Worthington	no	returns		W. Poland, Sup.
8	Pump to res	Harkness, Powell, Shield, Gordon & Maxwell Co.	7,236,395	1,449,957	7-6	A. G. Moore, Sup.
439	Gravity		no	returns		
838	Pump to tank	Hubbard & Co.	15,000	none		C. Kaufman, Pres. R. B. Thomas, Sup. C. A. Rankin, Sec.
514	Pump to tank.	Geo. F. Blake, Fman Co.	45,000	50,000	6	T. H. Smith, Sup.
765			no	returns		J. E. Bonebrake & Co. Owners.
742	Pump to tank	H. R. Worthington	51,000	51,000	7	not appointed.
11	Pump to res	Allaire Works Cuyahoga Co. H. R. Worthington	3,581,107	1,150,000		H. C. Hawkins, Sec. J. Whitelaw, S. & E.
246	Pump to tank.	Cope & Maxwell Co	120,000			O. Messer, Sup.
278	Gravity		250,000	250,000	4	J. E. Howe, Chn. J. W. Corcoran, Sec.
926	Gravity		no	returns		Josiah Moulton, Sup
667	Pump to tank and direct	Gordon & Maxwell Co	22,000			
626	Gravity		42,000	40,000		F. F. Davis, Sup.
840	Gravity and pump direct		30,000	30,000	5-4	Ralph Bent, Sup.
112	Pump to res.	E. Geyelin.	212,000	112,000	7	A. T. Kniffen, Sup.

COL-COV.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
475	518	College Point	New York.	4,192	1875	Village	Surface water.
469	423	Colorado Springs.	Colorado	4,226	1878	City .	Springs and melt- ing snow.
911	760	Columbia .	California	650	1853	Company	Springs and Stanislaus River.
271		Columbia .	Pennsylvania	8,312	no returns.		
231		Columbia .	S. Carolina	10,036		City . .	Springs & Santee R
559	305	Columbia .	Tennessee	3,400	1884	Company	Duck River.
228	645	Columbus .	Georgia . .	10,123	1882	Company	Surface water.
435	107	Columbus .	Indiana .	4,813	1870	Town .	Driftwood R.
504	339	Columbus .	Mississippi	3,955	1867	City . .	Artesian well.
36	65	Columbus .	Ohio. . .	51,647	1870	City . .	Ground water.
722	693	Columbus .	Texas . .	1,959	1883	Company	Colorado River
759	501	Colusa . .	California .	1,779	1870	Company	Sacramento R.
509	127	Concord .	Massachusetts	3,922	1874	Town .	Sandy Pond.
160	228	Concord .	N. Hampshire	13,843	1872	City . .	Pennacook L.
550		Conemaugh,	Pennsylvania	3,498			no returns.
836	492	Coney Island	New York.	1,184	1880	Company	Ground water.
948	569	Conn. State Ind. School for Girls.	Connecticut		1881	State . .	Surface water and springs.
541	578	Connellsville	Pennsylvania	3,609	1883	Company	Surface water.
574	312	Connersville,	Indiana .	3,228	1869	City . .	White Water Val- ley Canal.
447	106	Conshohocken	Pennsylvania	4,561	1872	Company	Schuylkill R.
812	408	Constantine	Michigan .	1,405	1878	Village .	Fawn River.
692	487	Cooperstown	New York.	2,199	1835 1879	Company	Otsego Lake.
949	551	Cornell University,	New York.		1875	University	Fall Creek.
437	69	Corning . .	New York.	4,802	1871	Company	Monkey Run Creek & springs.
562	658	Corsicana .	Texas . .	3,373	1884	Company	Springs and sur- face water.
491	708	Cortland .	New York.	4,050	1884	Company	Springs.
915	621	Cote St. Antoine	Quebec . .	600	1883	Company	Supplied from Montreal.
906	735	Cottage City,	Massachusetts	672	1884	Fire dist.	Lake Anthony.
124	579	Council Bluffs,	Iowa . .	18,063	1883	Company	Missouri River.
72	259	Covington .	Kentucky	29,720	1870	City . .	Ohio River.

No.	Mode of Supply.	Builders of Pumping Machinery	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works.
475	Pump direct.	H. R. Worthington	\$212,000			Jacob Koerber, Sup.
469	Gravity . .		105,000	\$ 95,000	7	M. Parsons, Sup.
911	Gravity . .		23,000	none		G. Wing, Sup.
271 .			no returns.			
231	Pump to res.	H. R. Worthington	40,000			no returns.
559	Pump to res.	Geo. F. Blake Man. Co	68,000			Travers Daniel, Eng.
228	Gravity . .		140,000			B. F. Archer, Pres. J. H. Yocum, Eng.
435	Pump direct.	Holly Man. Co.				
504	Pump to res.	Knowles Steam P. W.	3,000			M. A. Hale, Sup.
36	Pump direct.	Holly Man. Co.	970,905	772,000	6-4	S. P. Axtell, Sec. & Tr. Wesley Royce, Sup.
722	Pump to tank.	Geo. F. Blake Man. Co				J. S. Jones.
759	Pump to tank.	Knowles Steam P. W.	24,000	none		J. B. Cooke, Owner. H. H. Thomas, S & E.
509	Gravity . .		71,000			W. Buttrick, Sup.
160	Gravity . .		365,000	350,000	6	V. C. Hastings, Sup.
550			no returns.			
836	Pump to tank.		100,000	80,000		B. F. Stephens, Sup.
948	Gravity . .		12,000	none		C. F. Browning, Tr.
541	Gravity . .		50,000			W. S. Kuhn, Sec.
574	Pump direct.	Holly Man. Co.	10,000			J. Verden, Sup.
447	Pump to res.	H. R. Worthington	75,000	20,000	6	I. Lukens, Pres. A. Craft, Sec. & Tr.
812	Pump direct.		20,500	10,000	5	Thos. Harrison, Rec.
692	Pump direct.	H. R. Worthington	35,000			J. Bunyan, Sup.
949	Pump to res.	H. R. Worthington	17,000	none		J. L. Morris, Sup.
437	Gravity and pump	Geo. F. Blake Man. Co Martin.	51,000	none		H. C. Heermans, Sup.
562	Pump to tank	H. R. Worthington	95,000	none		W. T. Brown, Pres. B. T. Barry, Sec.
491	Pump to tank and direct.	H. R. Worthington	90,000	55,000	6	J. E. Eggleston, Pres. J. S. Bull, Sec. & Sup.
915			15,000			A. A. Dickson, Sec.
906	Pump direct.	Knowles Steam P. W.	10,000			For fire protection
124	Pump to res.	Knowles Steam P. W. Andrews, Westing- house.	1,250,000	500,000		G. F. Wright, V. Pres. H. Birkinbine, Ch En
72	Pump direct.	Holly Man. Co. McGowan Pump Co	500,000			W. H. Glore, Sup.

CRE-DOY.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population. 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
616	451	Crestline .	Ohio . . .	2,848	1870	City . .	Springs.
831	659	Crookston	Minnesota	1,227	1882	City .	Red Lake River.
214	453	Cumberland	Maryland	10,693	1871	City . .	Potomac R.
220	388	Dallas . .	Texas . . .	10,358	1876	City . .	Trinity River and springs.
712		Dalton . .	Massachusetts	2,052	in progress	Town .	Springs.
194	84	Danbury .	Connecticut	11,666	1860	Borough	Surface water.
539	309	Dansville .	New York	3,625	1874	Village	Surface water.
342	272	Danvers .	Massachusetts	6,598	1876	Town .	Surface water.
287	636	Danville .	Illinois . .	7,733	1883	Company	North Fork of Vermillion River
270	135	Danville .	Pennsylvania	8,346	1873	Borough	Susquehanna R.
296		Danville .	Virginia . .	7,526	1875	Town .	Dan River.
95	422	Davenport	Iowa . . .	21,831	1874	Company	Mississippi Riv.
50	48	Dayton . .	Ohio . . .	38,678	1870	City .	Mad River and wells.
500	532	Dayton Soldiers Home	Ohio . . .	4,000	1882	U.S. Govern- ment	Surface water.
525		Deadwood	Dakota . .	3,777		Company	
237	162	Decatur .	Illinois . .	9,547	1871	Town .	Sangamon R.
610	457	Decorah .	Iowa . . .	2,951	1881	City . .	Ground water.
354	544	Dedham .	Massachusetts	6,233	1881	Company	Ground water.
788	303	De Kalb .	Illinois . .	1,598	1876	Village	Artesian well.
815	190	Delhi . . .	New York	1,384	1872	Company	Surface water.
808	683	Denison .	Iowa . . .	1,441	1883	Town .	Ground water.
503		Denison .	Texas . . .	3,975	in progress	Company	Artesian well.
55	139	Denver . .	Colorado .	35,629	1872	Company	South Platte R.
88	119	Des Moines	Iowa . . .	22,408	1871	Company	Raccoon Riv.
19	16	Detroit . .	Michigan .	116,340	1827	City .	Detroit River.
537		Dixon . .	Illinois . .	3,685	1884	Company	Rock River.
620	380	Dover . .	Delaware .	2,811	1882	City . .	Well.
193	561	Dover . .	N. Hampshire	11,687	1828 1831	3 Companies	Springs.
804	310	Downingtown	Pennsylvania	1,480	1874	Company	Surface water.
709		Doylestown	Pennsylvania	2,070	1859	Town . .	Springs.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
616	Gravity . . .		\$ 60,000	\$ 55,000	5	L. Holcker, Sec. J. Reid, Sup.
831	Pump direct.	Pray Man. Co.	33,800	33,000	7	W. D. Hurlbut, Sup.
214	Pump direct.	Holly Man. Co.	190,000	190,000	7-6	
220	Pump to tank.	Knowles Steam P. W. Geo. F. Blake Man. Co.	85,000	70,000	6	A. M. Wheless, Sup.
712	Gravity . . .	in progress				W. M. Crane, Chn. W. B. Clark, Clk.
194	Gravity . . .		209,531	140,000	4½	J. W. Bacon, Sec.
539	Gravity . . .		24,800	10,000	7	J. H. Robbins Sup.
342	Pump to res.	H. R. Worthington	236,170	220,000	5-4	B. E. Newhall, Sup.
287	Pump to stand- pipe.	Geo. F. Blake Man. Co.		150,000	6	S. A. Miller, Pres. Wm. Reinecke, Sec.
270	Pump direct.	Holly Man. Co.	164,691			J. Foster, Sec. & Sup.
296	Pump to res.	H. R. Worthington	141,500	no returns		
95	Pump direct.	Clapp & Jones.	550,000	none		M. Donahue, Pres. W. Moffat, Sec.
50	Pump direct.	Holly Man. Co.	578,504	572,000	8-7-6	C. W. Snyder, Sec. J. E. Waltz City Eng.
500	Pump to tank.	Cope & Max- well Co.	37,500	none		J. K. Rugg, Ch. Eng.
525	Gravity . . .	no returns				S. McMaster, Sup.
237	Pump direct.	Holly Man. Co. A. S. Cameron	160,000			C. M. Durfee, Clk. & S.
610	Pump to res.	Knowles Steam P. W.	22,484	4,000 12,000	6 5	R. B. Tuttle, Chn. W. Com.
354	Pump to tank.	Knowles Steam P. W.	100,000	none		Winslow Warren P. Wm. F. Hill, Sup.
788	Pump to tank.	Deane Steam P. Co.	34,000	8,000	8	S. O. Vaughan, City Clk
815	Gravity . . .		26,000	none		D. T. Arbuckle, S. & T. J. Middlemist, Sup.
808	Pump to tank.		11,000			N. J. Wheeler, Chn.
503	Pump . . .	Holly Man. Co.	in progress			
55	Pump direct.	Holly Man. Co.	600,000	250,000 100,000	40 8	J. Archer, Pres. R. B. McCormick, Sec.
88	Pump direct.	Holly Man. Co. H. R. Worthington	600,000	350,000	6	A. N. Denman, Sec.
19	Pump to res.	Jackson & Wiley	3,316,000	1,555,000	7-6-4	H. Bridge, Sup.
537	Pump to tank.	Gordon & Max- well Co.				
620	Pump direct.	Holly Man. Co.	20,000	20,000	4	Geo. P. Jarrett Sup.
193	Gravity . . .	not given				L. S. Rand, Pres. J. E. Lothrop, Pres. N. Twombly, Pres.
804	Gravity . . .		54,000	4,000	7	J. B. Sirves, Pres.
709	Pump to res.	H. R. Worthington Holly Man. Co.	35,000	no returns		

DUB-EPH

No. in Sta- tistics.	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
89	140	Dubuque	Iowa . . .	22,254	1871	Company	Mine Tunnel.
552	651	Duluth	Minnesota .	3,483	1883	Company	Lake Superior.
585		Dundas	Ontario . .	3,135	1883	Town	Springs and surface water.
309	391	Dunkirk	New York .	7,248	1871	City . .	Lake Erie.
412		Dunmore	Pennsylvania	5,151	no returns		
657	661	Durango	Colorado .	2,500	1884	Town	Animos River.
872	365	Dutch Flat	California .	939	1859	Company	Springs.
471	584	Easthampton	Massachusetts	4,206	1873	Town	Surface water.
389	197	East Liverpool	Ohio . . .	5,568	1879	Town	Ohio River.
190	412	Easton	Pennsylvania	11,924	1820	Company	Lehigh R. and Delaware River.
269	504	East Orange	New Jersey	8,349	1882	Company	Ground water.
611		East Portland	Oregon . .	2,934	1882	Company	Springs.
	75	E. Providence	Rhode Island.	5,056			Supplied from Pawtucket.
116	141	East Saginaw	Michigan .	19,016	1873	City . .	Saginaw Riv.
890	213	East Saugus	Massachusetts	786	1874	Town	Surface and ground water.
229		Eau Claire	Wisconsin .	10,119	no returns		
845	219	Ebensburg	Pennsylvania	1,123	1874	Borough	Well.
903	611	Edmore	Michigan .	704	1881	Village	Well.
791	709	Eldora	Iowa . . .	1,584	1883	City . .	Well.
76	122	Elizabeth	New Jersey	28,229	1854	Company	Elizabeth Riv.
925		Elizabethtown	New York .	445		Company	
323	710	Elkhart	Indiana . .	6,953	1884	Company	Well.
629	475	Ellenville	New York .	2,750	1871	Town	Surface water.
106	349	Elmira	New York .	20,541	1861	Company	Chemung Riv.
813	546	El Paso	Illinois . .	1,390	1882	City	Well.
901	575	El Paso	Texas . . .	736	1882	Company	Rio Grande.
438	313	Elyria	Ohio . . .	4,777	1879	Company	Black River.
884	694	Emaus	Pennsylvania	847	1871	Borough	Springs.
442	202	Emporia	Kansas . .	4,631	1882	City . .	Cottonwood R.
929	711	Ephrata	Pennsylvania	392	1879	Company	Springs.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Wo
89	Gravity . .		Cap Stock 300,000	none		N. W. Kimball, Sec., Tr. & Gen. Man.
552	Pump to res.	Geo. F. Blake Man. Co.	Cap Stock 250,000			A. F. Bigelow, Sup. F. L. Denning, Sec.
585	Pump to res.		\$ 37,000		no returns.	
309	Pump direct	Holly Man. Co.	110,000	100,000	7	J. Madigan, Sec. J. C. Richardson, Sup.
412					no returns	
657	Pump to res.	Deane Steam P. Co. Colorado Machine Co.	72,000	80,000	8	G. W. Brown, Mayor .
872	Gravity . .		8,000	none		I. T. Coffin, Owner.
471	Pump direct	Fales & Jenks and Valley Machine Co				For fire protection only.
389	Pump to res. & pump direct.	Cope & Max- well Co.	40,000			C. Metzger, Clk. & Sup.
190	Pump to res.	John West	300,000	40,000	6	J. Maxwell, Pres.
269	Pump direct	Holly Man. Co.	105,000	none		F. M. Shepard, Pres. J. M. Randall, V. P.
611	Pump . . .		60,000	none		H. P. McGuire, Pres. and Sup.

Supplied from Pawtucket

116	Pump direct	Holly Man. Co.	360,314	400,000	8-5	F. E. Hoyt, S. & S.
890	Supplied from Lynn.		6,000	3,000	4½	H. B. Newhall, Chn.
229					no returns	
845	Pump to res.		16,000	8,200	4	H. J. Evans, Sup.
903	Pump to res.	Dean Bros.	8,500	none		J. Siemens, Sup & E.
791	Pump to tank	U. S. Wind Engine & Pump Co.	7,800	6,000	7	T. G. Alvord, Chn.
76	Pump to res. & pump direct	L. B. Battin H. R. Worthington	1,000,000	400,000	7	L. B. Battin, C. E. W. Whalen, Sup.
925	Gravity . .				no returns	B. C. Keebogg, Sup.
323	Pump to res. & pump direct	Fairbanks, Morse & Co.	90,000	100,000	6	M. M. Moore, Ch. E. C. H. Watson, Sup.
629	Gravity . .		35,000	35,000	7	G. A. Dudley, Sec.
106	Gravity & pump to res.	Knowles Steam Pump Works.	375,879	123,000	6-7	J. M. Diven, S. & T. P. J. Nagle, Sup.
813	Pump to tank	Fairbanks, Morse & Co.	6,000	5,000	5½	F. Cole, M. D., Sup.
901	Pump to res.	Smith, Vail & Co. H. R. Worthington	70,000	80,000	6	H. A. Lawton, Sec. W. H. Watts, Sup.
438	Pump to tank	H. R. Worthington				M. S. Frost, Pres. F. R. Persons, S. & T.
884	Gravity . .		15,000	14,225	4	Edw. Smith, Sup. R. Shuler, Tres.
442	Pump direct	Holly Man Co.	75,000	60,000	7	R. W. Jeremy, Sup. W. C. Greenway, C. E.
929	Gravity . .		5,000	none		W. Z. Sener, Pres. D. J. McCan, Sec.

ERI-FRA.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
77	71	Erie . .	Pennsylvania	27,737	1840 1868	City . .	Lake Erie.
470	231	Eureka .	Nevada . .	4,207	1871	Company	Springs.
455	167	Evanston	Illinois . .	4,400	1874	Town .	Lake Michigan
73	392	Evansville	Indiana . .	29,280	1870	City . .	Ohio River.
825	571	Evart .	Michigan . .	1,302	1880	Village .	Well.
481	5	Everett	Massachusetts	4,159	1871	Town .	Mystic Lake.
591	712	Fairfield	Iowa . . .	3,086	1884	City . .	Surface Water.
690	320	Fair Haven	Vermont . .	2,211	1880	Village .	Inman Pond.
924	713	Fairplay	Colorado . .	450	1883	Town .	Springs.
40	29	Fall River	Massachusetts	48,961	1871	City . .	Watuppa Lake
635	463	Fargo .	Dakota . .	2,693	1880	Company	Red River of the North.
395	655	Faribault,	Minnesota .	5,415	1883	Company	Well.
596	657	Farmington	N. Hampshire	3,044	1871	Town .	Springs.
551	610	Fayetteville	N. Carolina.	3,485	1825	Company	Spring.
781	664	Fergus Falls	Minnesota .	1,635	1883	Company	Red River of the North.
181	185	Fitchburg,	Massachusetts	12,429	1872	City . .	Scott Brook and Shattuck Brook.
291	491	Flatbush,	New York .	7,634	1881	Company	Wells.
766		Flemington	New Jersey .	1,751		Company	
267		Flint .	Michigan . .	8,409	in progress		
334		Flushing	New York .	6,683		City . .	
820	638	Fort Collins	Colorado . .	1,356	1883	City . .	Cache la Poudre R.
543	296	Fort Dodge	Iowa . . .	3,586	1881	City . .	Des Moines R.
609		Fort Edward	New York .	2,988		Company	
398	714	Fort Scott	Kansas . .	5,372	1882	Company	Marmaton R.
589		Fort Smith	Arkansas . .	3,099	in progress		
932	549	Fort Snelling	Minnesota .	352	1882	U. S. Gov- ernment.	Springs.
82	105	Fort Wayne	Indiana . .	26,880	1880	City . .	Surface water.
337	662	Fort Worth	Texas . . .	6,663	1883	Company	Trinity River.
771	668	Frackville	Pennsylvania	1,707	1883	Company	Little Mahanoy Cr.
322	314	Frankfort,	Kentucky .	6,958	1841	Town .	Springs.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
77	Pump to stand- pipe.	West Engine Co.	\$819,677	\$675,995	7	B. F. Sloan, Sec. & Tr. W. E. Hilton, Sup.
470	Gravity . .		40,000			G. F. Bliss, Sup.
455	Pump direct.	Holly Man. Co.	40,000			J. Ebbert, Sup.
73	Pump direct.	Holly Man. Co. Gordon & Maxwell Co.	500,000	300,000	7 1/2	C. Newman, Sec. B. W. Reynolds, Sup.
825	Pump direct.	M. Walker.				J. T. Minchin, Chn.
481	Supplied from Boston.					Daniel Russell, Sec.
591	Pump to stand- pipe.	Geo. F. Blake Man. Co.	53,000	25,000	5	Chas. D. Leggett, Chn.
690	Gravity . .		37,325	35,000	5	O. A. Peek, Chn.
924	Gravity . .		11,000	10,000	8	A. E. Jones, Tr.
40	Pump to stand- pipe.	H. R. Worthington. Boston Machine Co.	1,410,000			
635	Pump direct.	Holly Man. Co.	77,549	50,000	7	C. Sweatt, Pres. & Tr. W. B. Douglass, Sec. C. Powell, Ch. Eng.
395	Pump to res.	Deane Steam P. Co.	140,000	80,000	6	G. E. Beach, Pres. & S.
596	Pump to res.	Geo. F. Blake Man. Co.				E. T. Willson, Ch. Eng. C. W. Talpey, Clerk.
551	Gravity . .		4,000			S. W. Tillinghast, Lessee.
781	Pump direct.	H. R. Worthington.	142,000	70,000	6	A. C. Pettitt, Sup.
181	Gravity . .		510,646	400,000	6	T. C. Lovell, Sup.
291	Pump to tank	Deane Steam P. Co.		160,000	6	J. Lott, Sup.
766	Gravity and pump.		no returns			J. C. Hopewell, Sup.
267	Pump . . .	Holly Man. Co.	no returns			
334	Pump direct.	Holly Man. Co.	no returns			
820	Pump direct.	Holly Man. Co.	105,000	20,000 85,000	8 7	H. W. Owens, Sup.
543	Pump direct.	Cope & Maxwell Co.	20,400	23,000		S. T. Meserney, Chn.
609	Gravity . .		no returns			Z. Taylor, Sup.
398	Pump to res.	P. B. Perkins.	90,000	50,000	6	R. F. Gardner, Sup.
589			no returns			
932	Pump to tank & pump direct.	Geo. F. Blake Man. Co.				Capt. Chas. Bird, Eng. in Charge.
82	Pump to res. & pump direct.	Holly Man. Co.	271,269	270,000	6-5	W. E. McDermutt, Clk.
337	Pump direct.	Holly Man. Co. H. R. Worthington.	206,223	150,000	7	Morgan Jones, Pres. Wm. Tidball, Sec.
			Capital Stock.			
771	Pump to res.	Geo. F. Blake Man. Co.	20,000			F. S. Haupt, Pres. J. Haupt, Sec.
322	Gravity . .					Samuel J. Shea, Sup.

FRA-GLO.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
490	715	Franklin	Massachusetts	4,051	1884	Company	Well.
423	526	Franklin	Pennsylvania	5,010	1878	Company	Springs.
260	368	Frederick	Maryland	8,659		City	Surface & spring water & artesian wells.
422	405	Fredericksburg	Virginia	5,010	1832	Company	Poplar Springs
320	587	Fredericton	N. Brunswick	7,000	1883	City	River St. John.
636	684	Fredonia	New York	2,692	1884	Village	Creek.
261	469	Freeport	Illinois	8,516	1882	Company	Ground water.
787	716	Freeport	Pennsylvania	1,614	1884	Company	Allegheny R.
878		Fremont	Michigan	902	1883	Village	
264	717	Fremont	Ohio	8,446	1883	City	Springs.
849	718	Fresno	California	1,112	1876	Company	Bored wells.
489	450	Frostburg	Maryland	4,057	1854	Company	Springs.
944	656	Fryeburg	Maine	88	1882	Company	Surface water.
639	685	Gainsville	Texas	2,667	1884	Company	Elm River.
198	609	Galesburgh	Illinois	11,437	1883	Company	Well.
388		Galion	Ohio	5,635	1883	Company	Wells.
90		Galveston	Texas	22,248	1884	Company	Artesian well
916	493	Garden City	New York	574	1876	Company	Ground water
426	631	Gardner	Massachusetts	4,988	1880	Company	Crystal Lake
548	419	Geneseo	Illinois	3,518	1882	City	Artesian well
726		Geneseo	New York	1,925		Village	
374	270	Geneva	New York	5,878	1797	Company	Springs.
822	719	Georgetown	Texas	1,354	1884	City and Company	Ground water.
619		Gettysburg	Pennsylvania	2,814		Company	Spring and ground water.
783	474	Gilroy	California	1,621	1872	Company	Uras Creek and wells.
827	720	Girard	Kansas	1,289	1882	City	Artesian well.
887	721	Gladbrook	Iowa	800	1883	City	Well.
431	489	Glens Falls	New York	4,900	1872	City	Springs.
923	722	Glenwood	Minnesota	464	1883	Village	Spring creek.
400	666	Gloucester City	New Jersey	5,347	1884	City	Springs.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
			Capital Stock.			
490	Pump to tank.	Knowles Steam P. W.	\$75,000			F. E. Smith, C. E.
423	Gravity . .		80,000	\$ 22,00	5	J. L. Hanna, Pres. W. W. Dale, Sec.
260	Gravity . .			70,000	5	G. Sebert, Sup.
422	Gravity . .		23,000	none		J. W. Sener, Sup.
320	Pump direct.	Holly Man. Co.	93,614	200,000	5	A. Burchill, Sup.
636	Gravity . .		85,000	85,000	4	O. W. Johnson, Pres. E. A. Curtis, Sec.
261	Pump to tank.	Knowles Steam P. W.				W.H.J. Stratton, Sup.
787	Pump to tanks.	Wilson, Snyder & Co.	10,000	none		H. L. Weaver, Pres. S. P. McRea, Sec.
878	Pump direct.	M. Walker.	5,155			
264	Pump to tank.	Knowles Steam P. W.	140,000	135,000	5	Charles F. Reiff, Pres. Joseph Schwartz, Sec.
849	Pump direct.	Holly Man. Co.	30,000	none		T. Whitlock, Sec.
489	Gravity . .		10,000	3,500	6	W. O. Sprigg, Man. C. Baker, Sup.
944	Gravity . .		17,000	none		D.L. Lampson, S. & T. A. R. Jenness, Sup.
639	Pump direct.	Holly Man. Co.	125,000	100,000	6	M. D. Mather, Pres. J. S. Drake, Sec.
			Capital Stock			
198	Pump to tank.	H. R. Worthington.	150,000			W. M. Flanagan, Sup. T. R. Sylvanus, S. & T.
388	Pump to stand- pipe.	Deane Steam P. Co.	no returns			J. H. Greene, Pres. Geo. Snyder, Sec.
			Capital Stock			
90	Pump . .	H. R. Worthington.	500,000			Morgan Jones, Pres.
916	Pump direct.	Holly Man. Co.	60,000			L. H. Cunliffe, Sup.
426	Pump to res.	Deane Steam P. Co.	150,000	60,000	6	S. L. Wiley, Pres. H. W. Conant, Sup.
548	Pump direct.	Dayton.	9,300	none		A. White, Sup.
726	Gravity and pump.		no returns			M. N. Foster, Pres.
374	Gravity . .			35,000	6	A. L. Chew, Sec. S. S. Graves, Sup.
822	Pump to tank.	H. R. Worthington.	51,000	36,000	6	E. E. Taylor, Sec. M. P. Kelley, Sup.
619	Gravity . .		no returns			D. Kendlehart, Sup.
783	Gravity and pump to res.	Hooker.				J. Pettitt, Sup.
827	Pump to tank	U.S. Wind Eng. & P. Co.	10000,	8,000	7	John Tontz, Mayor.
887	Pump to tank	Unknown.	2,800	2,800	5	T. E. Mann, Mayor.
431	Gravity . .		130,000	110,000	7	J. S. Hayes, Sup.
923	Gravity . .		6,000	4,000	10	K. J. Kinney, Sup.
400	Pump to tank.	Robt. Wetherill & Co.	80,200	80,000	6-4	James Finley, Eng.

GLO-HAN.

No. in Sta- tistics	No. in His- tory	Name of Town.	State or Province	Population 1880	Date of Construction of Works.	By whom owned	Source of Supply.
313	195	Gloversville	New York	7,133	1877	Village	Springs.
631	520	Golden •	Colorado	2,730	1879	City	Ground and sur- face water.
	306	Gold Hill	Nevada	4,531		Supplied from	Virginia City.
792	695	Gonzales	Texas	1,581	1884	Company	Guadalupe Riv.
816	613	Gorham	N. Hampshire	1,383	1873	Company	Springs.
484	515	Goshen	Indiana	4,123	1881	City	Artesian wells.
648	362	Goshen	New York	2,557	1871	City	Springs and sur- face water.
708	207	Gouverneur	New York	2,071	1867	Company	Oswegatchie Riv.
433	723	Grand Haven	Michigan	4,862	1880	City	Driven wells.
63	40	Grand Rapids	Michigan	32,016	1875	City	Springs and sur- face water.
859	724	Granville	New York	1,071	1884	Company	Mettowee Riv.
333	725	Grass Valley	California	6,688	1865	Town	South Yuba River.
632	125	Great Bar- rington	Massachusetts	2,715	1868	Company	Surface water.
883		Great Falls	N. Hampshire	859		Company	
510	183	Greenfield	Massachusetts	3,903	1870	Town	Surface water.
737	800	Greenville	Illinois	1,886	1884	City	Well.
871	271	Greenwich	Connecticut	942	1880	Company	Surface water.
327	462	Guelph	Ontario	6,878	1879	City	Spring.
879	400	Gunnison	Colorado	888	1882	Company	Gunnison Riv.
467	739	Hackensack	New Jersey	4,248	1874	Company	Hackensack Riv.
656	374	Hackettstown	New Jersey	2,502	1860	Town	Springs and sur- face water.
340	597	Hagerstown	Maryland	6,627	1882	Company	Beaver Creek.
950	726	Hailey	Idaho		1884	Company	Surface water.
53	83	Halifax	Nova Scotia	36,102	1848	City	Surface water.
582	601	Hallowell	Maine	3,154	1876	Company	Springs.
939	336	Hamilton	Nevada	203	1869	Company	Springs.
185	665	Hamilton	Ohio	12,122	1884	City	Ground water.
54	87	Hamilton	Ontario	35,961	1859	City	Filter basin on the shore of Lake On- tario.
942		Hamorton	Pennsylvania	159		Company	
206	214	Hannibal	Missouri	11,074	1880	Company	Mississippi R.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works.
313	Gravity . .		\$88,917	\$ 80,000	6	A. A. Hellwig, Sup.
631	Pump direct.	Holly Man. Co.	50,000	50,000	8	C. W. Lake, Sup.
See Virginia City.						
792	Pump to tanks and direct.	H. R. Worthington.	7,000			T. S. Walker, Sup.
816	Gravity . .		14,317	3,300	6	Warren Noyes, Pres. T. E. Fisk, Sec.
484	Pump to res. & pump direct.	Dean Bros.	55,000	20,00	6	Lew Wanner, Sup.
648	Gravity . . .		60,000	33,000	7-5	H. R. Cable, Pres. T. D. Tuthill, Tr.
708	Pump direct.	Holly Man. Co. Bagley & Sewell.	30,000	none		C. A. Van Duzer, Sup.
433	Pump direct.	M. Walker.	10,000			A. L. Holmes, Sup.
63	Pump to res.	Butterworth & Low.	446,510			A. C. Sekell, Sup.
859	Pump to tank & pump direct	Knowles Steam P. W.	9,000	none		Finch, Potter, Stevens.
333	Gravity . .		80,000			J. J. Dorsey, Sup.
632	Gravity . .		20,000			J. L. Dodge, Pres. H. F. Robbins, Sec.
883	Pump . . .		no returns			J. C. Cumnock, Sup.
510	Gravity . .		120,000	60,000	5	James Porter, Sup.
737	Pump direct.	Geo. F. Blake Man. Co.	16,000	16,000	8	J. B. Pierce, Sup.
871	Gravity . .		84,000	none		G. G. McHall, Sec.
327	Pump to tank & pump direct.	Inglis & Hunter.	108,000	100,000	6	G. Howard, Chn.
879	Pump to tank	H. R. Worthington.	100,000	75,000	7	B. W. Lewis, Pres. D. J. McCann, Sup.
467	Pump to res.	H. R. Worthington.				Chas. B. Brush Sup.
656	Gravity . .		54,000	54,000	7-5	W. Osmun, Sec. I. W. Crane, Sup.
340	Gravity . .		123,500	40,000	5	Wm. T. Hamilton, P.
950	Gravity . .		15,000	none		E. A. White, Man.
53	Gravity . .		746,000	746,000	6	E. H. Keating, C. E.
582	Gravity . .		12,000			J. R. Bodwell, Pres. O. Currier, S. & T.
939	Pump to res.	A. S. Cameron.	380,000			S. Liddle, Eng. & Sup.
185	Pump to res.	Gordon & Maxwell Co.	325,000		5	Ira. S. Milliken, Sec. T. E. Crider, Sup.
54	Pump to res.	A. Gartshore.	1,150,000	991,878	6	W. Haskins, Man.
942	Pump . .		no returns			J. C. Dilly, Owner & Man.
206	Pump to res.	Geo. F. Blake Man. Co.	112,000	90,000	7	J. H. Decker, Eng. & Man.

HAN-HYD.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
843	321	Hanover	N. Hampshire	1,134	1821	Company	Springs and wells.
675	322	Hanover	Pennsylvania	2,317	1874	Company	Springs.
425	727	Harbor Grace	Newfoundland	5,000	1863	Company	Bannerman Lake.
66	375	Harrisburg	Pennsylvania	30,762	1844 1874	City . .	Susquehanna R.
46	38	Hartford	Connecticut	42,015	1854	City . .	Surface water and Connecticut River.
119	486	Haverhill	Massachusetts	18,472	1801	Company	Spring ponds.
618	632	Havre de Grace	Maryland	2,816	1884	Company	Susquehanna R.
324		Hazleton	Pennsylvania	6,935		Company	
654	728	Hempstead	New York	2,521	1880	Company	Well.
399	263	Henderson	Kentucky	5,365	1875	City . .	Ohio River.
933	509	Hillburn	New York	350	1873	Company	Creek.
450	205	Hingham	Massachusetts	4,485	1880	Company	Accord Pond.
65	740	Hoboken	New Jersey	30,999	1855 1882	Company	Hackensack R.
966		Holland	Michigan . .		1884	City . .	
583	169	Hollidaysburg	Pennsylvania	3,150	1867	Borough	Roaring Run.
862	548	Hollister	California	1,034	1876	Company	Artesian wells.
806	527	Holly	Michigan	1,443	1879	Town	Shiawasse Riv.
93	41	Holyoke	Massachusetts	21,915	1873	City . .	Springs and sur- face water
644		Honesdale	Pennsylvania	2,620		Company	
931	669	Hood River	Oregon . .	364	1883	Company	Springs.
444	738	Hopkinton	Massachusetts	4,607	1884	Town	Artesian wells.
274	455	Hornellsville	New York	8,195	1882	Company	Springs.
544	401	Hot Springs	Arkansas	3,554	1882	Company	Surface water.
138	359	Houston	Texas . .	16,513	1878	Company	Buffalo Bayou.
529		Hudson	Massachusetts	3,739	in progress	Town	Gates Pond.
258	42	Hudson	New York	8,670	1875	City . .	Hudson River.
		Hull	Massachusetts	383	1883		Supplied by Hing- ham Water Co.
427	516	Huntsville	Alabama . .	4,977	1825	City . .	Spring.
941		Huron	Dakota . .	164	1884	City . .	James River.
147	553	Hyde Park	Illinois . .	15,716	1874	Village	Lake Michigan.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works	Bonded Debt.	Rate of interest	Officers of Works.
843	Gravity . .		\$12,000			F. Chase, Sup. Prof. E. R. Ruggles, T
675	Gravity . .		38,000	none		S. Keefer, Pres. R. M. Wirt, Sec.
			Cap. Stock			Robt. S. Munn, Pres.
425	Gravity . .		52,400	52,400	5	Claudius Waits, Sec. John Lynch, Supt.
66	Pump to res.	H. R. Worthington.	553,000	553,000	6	J. H. Weitmeyer, Eng. and Sup.
46	Gravity and pump to res.	Hardford Foundry & Machine Co.	1,564,756	957,000		E. Clark, Pres. & Sup. J. S. Chase, Sec.
			Cap. Stock			
119	Gravity and pump to tank.	H. R. Worthington.	30,000	65,000		C. W. Morse, Sup.
			Cap. Stock			
618	Pump to res.	Geo. F. Blake Man. Co.	15,000	15,000	5	W. W. Taylor, Supt.
324	Gravity and pump.		no returns			D. Clark, Sup.
654	Pump to tank.	H. R. Worthington. Knowles Steam P. W.	30,000			J. B. Backus, Pres.
399	Pump to res. and to stand-pipe.	G. B. Allen & Co.	125,000	100,000 13,500	6 5	F. Kliederer, S. & T. C. M. Alves, C. E.
933	Gravity . .		3,500			W. W. Snow, Sup.
450	Gravity and pump.	Deane Steam P. Co.	120,000			C. W. S. Seymour, S.
65	Pump to res.	H. R. Worthington.				C. B. Brush, Ch. Eng. & Sup.
966	Pump direct.	M. Walker.	no returns			Geo. H. Sipp, Sec.
583	Gravity . .		73,000			not given.
862	Pump to res.	Knowles Steam P. W.	not given			C. E. Ryland, Pres. J. K. Allen, Sup.
806	Pump direct.	M. Walker.	10,099			D. W. C. Wade, Chn.
93	Gravity . .		368,264	250,000	6	J. D. Hardy, Sup. E. P. Clark, Reg.
644	Gravity . .		no returns			F. D. Thayer, Sup.
931	Gravity . .					H. C. Coe, Sup.
444	Pump to tank	Deane Steam P. Co.		19,000	4	Geo. Hunt, Chn.
274	Gravity . .		200,000	150,000	6	S. H. Crane, Sec. & T. G. L. Tubbs, Sup.
544	Pump to res.	H. R. Worthington.				H. W. Morphy, Sec. J. H. Glashen, Sup.
138	Pump direct and to tank.	H. R. Worthington.	not given			
529	Gravity . .		70,000	70,000		C. H. Robinson, Chn.
258	Pump to res.	Clapp & Jones.	260,977			P. Miller, Sec. J. S. Ray, Sup.
Supplied by Hingham Water Co.						
427	Pump to res.	H. R. Worthington. M. Webster.	25,000	none		B. W. Blake, Sup. E. J. Mastin, Mayor.
941	Pump . .	Geo. F. Blake Man. Co.	24,500	25,000	7	C. B. Felt, Clerk. T. J. Nicholl, Eng.
147	Pump direct.	Cope & Maxwell Co.	750,000	451,000		A. C. Mason, Trustee Robt. Hawkins, Sup.

HYD-KEN.

No. in Sta-tistics	No. in His-tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
934	431	Hyde Park	Vermont . . .	331	1850	Company	Springs.
897	729	Ida Grove	Iowa . . .	759	1882	Town	Ground water.
584	730	Independence	Missouri . . .	3,146	1884	Company	Missouri Riv.
26	22	Indianapolis	Indiana . . .	75,056	1870	Company	White River.
477	203	Ionia . .	Michigan . . .	4,190	1874	City	Springs and surface water.
314	563	Iowa City .	Iowa . . .	7,123	1883	Company	Iowa River.
254	164	Ironton .	Ohio . . .	8,857	1871	City	Ohio River.
732	731	Irvington .	New York . . .	1,904	1884	Village	Artesian well and surface water.
366		Ishpeming	Michigan . . .	6,039	no returns		
913	732	Ithaca . .	Michigan . . .	600	1878	Town	Artesian well.
244	435	Ithaca . .	New York . . .	9,105	1872	Company	Surface water.
141	150	Jackson .	Michigan . . .	16,105	1870	City	Artesian wells.
880		Jacksonville	Alabama . . .	882	Town		
290	110	Jacksonville	Florida . . .	7,650	1880	City	Surface water and ground water.
211	111	Jacksonville	Illinois . . .	10,927	1874	City	Surface water.
239	411	Jamestown	New York . . .	9,357	1882	Company	Ground water.
240		Jeffersonville	Indiana . . .	9,357	no returns		
18	20	Jersey City	New Jersey . .	120,722	1852	City	Passaic River.
810		Jersey Shore	Pennsylvania .	1,411	in progress	Company	Springs and surface water.
421	80	Johnstown	New York . . .	5,013	1878	Town	Surface water.
268	521	Johnstown	Pennsylvania .	8,380	1867	Company	Springs and surface water.
196	554	Joliet	Illinois . . .	11,657	1880	Company	Pond.
571	533	Joliette	Quebec . . .	3,268	1873	Town	Surface water.
318	318	Joplin	Missouri . . .	7,038	1880	Company	Shoal Creek.
189	56	Kalamazoo	Michigan . . .	11,937	1869	City	Ground water.
33	27	Kansas City	Missouri . . .	55,785	1873	Company	Kansas River.
332	132	Keene	N. Hampshire .	6,784	1869	City	Surface water.
693	670	Keeseville	New York . . .	2,181	1883	Village	Ausable River.
863		Kennett Square	Pennsylvania .	1,021	1842 1865	Borough	Surface water.
418	226	Kenosha	Wisconsin . . .	5,039	1879	Company	Artesian wells.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
934	Gravity . .		\$ 3,000			C. S. Page, Sec. & Tr. A. P. Smalley, G. Man.
897	Pump to tank & pump direct.	Knowles Steam P. W. U. S. Wind Eng. & Pump Co.	10,380	\$ 7,500	5	G. A. Case, Chn.
584	Pump to res. & to tank.	P. B. Perkins.	90,000	50,000	7	P. B. Perkins, Sup.
26	Pump direct.	Holly Man. Co.	1,500,000	550,000	6	Thos. A. Morris, Pres. F. A. W. Davis, Vice-Pres. & Tr.
477	Pump direct.	Holly Man. Co.	80,000	30,000	5	F. C. Sibley, Com. Chas. Van Vleet, Eng.
314	Pump direct.	Holly Man. Co.	85,000	70,000	6	G. B. Dennison, Sup.
254	Pump direct.	Holly Man. Co.	165,000	165,000	8	E. Lawton, Sup.
732	Pump to res.	H. R. Worthington.	40,000	40,000	3 ⁴	W. A. Burnham, Pres. Adam Busch, Sec.
366	Pump . .	H. R. Worthington.	no returns			
913	Pump to tank.	U. S. Wind Eng. & Pump Co.	2,500			Unknown.
244	Gravity . .		155,000	75,000	6	K. Treman, Pres. E. M. Treman, Sec.
141	Pump direct.	Holly Man. Co.	160,000	160,000	8	J. Anderson, Sup.
880	Gravity . .		no returns			
290	Pump to stand-pipe.	H. R. Worthington.	100,000	100,000	8	A. S. Baldwin, Chn. R. N. Ellis, Sup.
211	Pump to res.	Chas. B. Hardwick. H. R. Worthington.	150,000	150,000	6	D. C. Fry, Sup. A. Armstrong, Eng.
239	Pump direct.	Holly Man. Co.	150,000	100,000	6	A. M. Kent, Pres. A. F. Kent, Tr. & Sup.
240			no returns			
18	Pump to res.	H. R. Worthington.	4,950,000	4,838,000		W. W. C. Sites, Ch. Eng.
810	Pump.	H. R. Worthington.	none			E. D. Trump, Tr.
421	Gravity . .		60,000	60,000	6	J. J. Buchanan, Sup.
268	Gravity . .		379,400	none		D. J. Morrell, Pres. J. Williams, Sup.
196	Pump to stand-pipe.	Knowles Steam P. W.	75,000			J. D. Raye, Receiver.
571	Pump direct.	Day & De Blois. Beauchemin fils.	42,000	42,000	6	P. Laforest, Sup.
318	Pump to res.	Smith, Vaile & Co.	124,000	75,000	7	C. J. Lewis, Sup. L. P. Cunningham, Sec.
189	Pump direct.	Holly Man. Co. H. R. Worthington.	192,412			G. H. Chandler, Ch. E.
33	Pump direct.	Holly Man. Co.	1,150,000	1,500,000	6	B. F. Jones, Sup.
332	Gravity . .		166,482	150,400		D. H. Sawyer, Sup.
693	Pump direct.	B. S. Nichols & Co.	35,000	30,000	5	H. M. Mould, Sec. & Tr.
863	Pump.		no returns			
418	Gravity . .		25,000	none		E. G. Hazelton, Sup.

KEN-LEW.

No. in Sta- tis- tics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
505	456	Kenton	Ohio	3,940	1881	Company	Ground water.
186	174	Keokuk	Iowa	12,117	1878	Company	Mississippi R.
797	552	Kingston	Massachusetts	1,524	1864	Company	Spring.
121	630	Kingston	New York.	18,344	1883	Company	Sawkill Creek.
158	403	Kingston	Ontario	14,091	1849	Company	Lake Ontario.
643		Kittanning	Pennsylvania	2,624	1871	Company	Allegheny Riv.
233	733	Knoxville	Tennessee	9,693	1883	Company	Tennessee R.
157	444	La Crosse	Wisconsin	14,505	1877	City	Mississippi R.
155	257	La Fayette	Indiana	14,860	1875 1882	City	Wabash River.
120	262	Lake	Illinois	18,380	1876	Town	Lake Michigan
343		Lakeview	Illinois	6,565		Town	
478	60	Lambertville	New Jersey	4,183	1878	Company	Surface water.
910		Lampasas	Texas	653	in progress	Company	Sulphur Fork of Lampasas River.
331	342	Lancaster	Ohio	6,803	1877	City	Ground water.
85	393	Lancaster	Pennsylvania	25,769	1836	City	Conestoga C'k.
888	686	Lansdale	Pennsylvania	798	1883	Company	Artesian well.
691	529	Lansford	Pennsylvania	2,206	1872	Company	Surface water.
303		Lansingburg	New York.	7,432	in progress		
358	600	La Porte	Indiana	6,195	1870	City	Lake.
547	671	Laredo	Texas	3,521	1884	Company	Rio Grande.
369	429	Las Vegas	N. Mexico	6,000	1882	Company	Gallinas River..
49	35	Lawrence	Massachusetts	39,151	1873	City	Merrimack R.
156	156	Leadville	Colorado	14,820	1879	Company	Surface water.
137	476	Leavenworth	Kansas	16,546	1882	Company	Missouri River..
255	193	Lebanon	Pennsylvania	8,778	1872	Borough	Springs.
506	381	Lee	Massachusetts	3,939	1881	Company	Surface water.
379	307	Leominster	Massachusetts	5,772	1873	Town	Surface water.
907	211	Lenox	Massachusetts	664	1875	Company	Springs.
452	286	Le Roy	New York.	4,469	1873	Village	Allen's Creek.
592	646	Lewisburgh	Pennsylvania	3,080	1883	Company	West Branch of Susquehanna Riv

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
505	Pump direct.	Holly Man. Co.	\$58,217	\$40,000	6	E. V. Boulton, Man.
186	Pump direct.	Holly Man. Co. H. R. Worthington.	113,000	60,000	8	S. P. Pond, Pres. W. C. Stripe, Sec. & S.
797	Pump direct.	Harrison Loring.		none		G. Evins, Pres. H. Hunt, Tr.
121	Gravity		Capital Stock 300,000	300,000	6	J. G. Lindsley, Pres. C. D. Bruyn, Sec. & Tr
158	Pump to res.	Davidson & Doran.	150,000	none		J. Wilson, Man.
643	Pump to res.	Thompson, Epping & Carpenter.		no returns		
233	Pump to res.	Davidson Steam P. Co	130,741	125,000	6	A. H. Martine, Sup. Jno. M. Brook, Sec.
157	Pump direct.	Geo. F. Blake Man. Co.	95,400	none		J. Manchester, Sup.
155	Pump to res. & pump to stand- pipe.	Clapp & Jones.	325,000	325,000	8	R. B. Wallace, Sup.
120	Pump direct.	Holly Man. Co. Knowles Steam P. W.	1,000,000			R. J. Colburn, Sup.
343	Pump direct.	Am. W. W. Co.		no returns		
478	Gravity . .		20,000			M. Coryell, Sup. & En.
910	Pump . .	H. R. Worthington.				B. Van Steenberg
331	Pump to tank.	H. R. Worthington.	46,000	25,000		O. Bannerman, S. & S.
85	Pump to res.	H. P. M. Birkinbine. H. R. Worthington.	300,000			J. Halbach, Sup.
888	Pump to tank.	Deane Steam P. Co.	15,800	5,000	5	Wm. D. Heebner, Pr. John C. Boolese, Sec.
691	Gravity . .		52,000	none		W. D. Zehner, Sup.
303				no returns		
358	Pump direct.	Holly Man. Co.	152,000	80,000	7	G. H. Storey, Sup.
547	Pump direct.	Geo. F. Blake Man. Co.	120,000	90,000	8	A. L. McLane, Pres Raymond Martin, Sec
369	Gravity . .		110,000			W. S. Smith, Sup.
49	Pump to res.	I. P. Morris & Co.	1,803,758	1,300,000	6	H. W. Rogers, Sup. G. A. Durrell, Reg.
156	Gravity . .		Capital Stock 300,000	65,000	8	H. W. Lake, Sec., Tr. and Sup.
137	Pump to res.	Gt. Western Foundry	300,000	250,000	6	D. M. Swan, Sec.
255	Gravity . .		300,000	200,000	4	H. M. Allwein, Sup.
506	Gravity . .		30,000	none		M. H. Pease, Sec. & Tr
379	Gravity . .		175,512	100,000 50,000	7 4	J. G. Tenney, Tr. & S.
907	Gravity and pump to res.		25,000			W. D. Curtis, Tr. & Man
452	Pump direct.	La France Man. Co.	15,000	for fire protec- tion only.		A. L. Tompkins Sup
592	Pump to tank.	Knowles Steam P. Co.	34,947	5,000	5	S. D. Bates, Sup.

LEW-LYO

No. in Sta- tistics	No. in His- tory	Name of Town	State or Province.	Population 1880	Date of Construction of Works	By whom owned	Source of Supply.
113	406	Lewiston	Maine	19,083	1875	City	Androscoggin R.
576		Lewistown	Pennsylvania	3,222		Company	
136		Lexington	Kentucky	16,656	in progress	Company	Surface water.
664		Lexington	Massachusetts	2,460	in progress	Company	Ground water.
502		Lexington	Missouri	3,996	1884	Company	Ground water.
624	479	Lexington	Virginia	2,771	1832	Town	Spring.
877	158	Lincoln	Massachusetts	907	1875	Town	Sandy Pond.
174		Lincoln	Nebraska	13,003	in progress	City	Well.
951	696	Lincoln Park. (Chicago)	Illinois			City	Lake Michigan
492	556	Lindsay	Ontario	4,049	1874	City	Scugog River.
457	277	Litchfield	Illinois	4,326	1874	City	Surface water.
171	477	Little Rock	Arkansas	13,138	1878	Company	Arkansas Riv.
377	316	Lock Haven	Pennsylvania	5,845	1869	City	Surface water.
165	163	Lockport	New York	13,522	1870	Holly Man- Company	Erie Canal.
560	225	Logan	Utah	3,396	1878	City	Logan River.
203	223	Logansport	Indiana	11,198	1876	City	Eel River.
101	61	London	Ontario	21,000	1878	City	Springs.
520	591	Long Branch	New Jersey	3,833	1879	Company	Ground and sur- face water.
132	517	Long Island City	New York	17,129	1874	City	Ground water.
894	437	Longmont	Colorado	773	1882	Town	St. Vrain Riv.
649	594	Longueuil	Quebec	2,550	1876	Town	St. Lawrence R.
		Lonsdale	Rhode Island	847			Supplied from Pawtucket.
789		Lorain	Ohio	1,595	1884	Village	
204	418	Los Angeles	California	11,183	1862	Company	Los Angeles R.
17	15	Louisville	Kentucky	123,758	1860	Company and City	Ohio River.
30	24	Lowell	Massachusetts	59,475	1870	City	Merrimack R.
476	465	Ludington	Michigan	4,190	1882	Company	Lake Michigan & Pere Marquette R.
144	89	Lynchburg	Virginia	15,959	1811 1828	Town	James River.
51	39	Lynn	Massachusetts	38,274	1869	City	Breeds Pond and driven wells.
486	130	Lyons	Iowa	4,095	1875	Company	Mississippi R.

No.	Mode of Supply.	Builders of Pumping Machinery,	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works
113	Pump to res.	H. R. Worthington.	\$500,000	\$474,000	5	John Beed, Clk.
576	Gravity and pump to res.	H. R. Worthington	no returns			
136	Pump direct.	Holly Man. Co.	in progress			S. A. Charles, Eng.
664	Pump to tank.	Geo. F. Blake Man. Co.	60,000	20,000	5	Moses Joy Jr., Pres. L. A. Saville Sec.
502	Pump . .	Geo. F. Blake Man. Co.	120,000	60,000	7	J. C. McGrew, Pres. J. Wentworth, Sec.
624	Gravity .		unknown			J. B. Holmes, Sup.
877	Pump to res.	H. R. Worthington.	33,000	30,000	6	J. L. Chapin, Sup.
174	Pump to tank. and direct.			110,000	6	R. E. Moore, Mayor.
951	Pump direct.	Deane Steam P. Co.				Park Commission.
492	Pump direct.	Holly Man. Co.				
457	Pump direct.	Holly Man. Co. H. R. Worthington.	94,553	50,000	8	J. C. Machler, Chn.
171	Pump to tank and pump direct.	Geo. F. Blake, Man. Co.				Zeb. Ward Owner.
377	Gravity .		130,000	70,000	6	E. A. McGill, Sup.
165	Pump direct.	Holly Man. Co.	unknown	none		Geo. H. Drake, Sup.
560	Gravity .		13,000	none		J. Adams, Sup.
203	Pump direct.	Cope & Maxwell Co.	132,000	172,000	8	W. H. Schrier, Sup.
101	Pump to res.	Killey & Co. H. R. Worthington.	398,819			T. H. Tracy, Eng. J. Danks, Sec.
520	Pump to stand- pipe.	H. R. Worthington.	100,000			L. B. Brown, Pres. T. W. Cooper, Sup.
132	Pump direct.	Holly Man. Co. H. R. Worthington.				
894	Gravity .		70,000	70,000	8	N. E. Varney, Sup.
649	Pump direct.	Beauchemin Waterous Co.	80,000			Peter Parent, Sup. L. C. Bourgeois, Sec.

Supplied from Pawtucket

789	Pump direct.	M. Walker.	no returns			
204	Gravity .		425,000	95,000	7	Fred. Eaton, C. E. Sup. & Eng.
17	Pump to stand- pipe and res.	Geo. F. Blake, Man. Co.	4,482,145	900,000	6	Chas. Hermans, C. E. Eng. & Sup.
30	Pump to res.	H. R. Worthington. H. G. Morris.	3,571,463	1,468,898	6	H. G. Holden, Sup.
476	Pump direct.	M. Walker.	35,000	5,000	8	N. J. Gaylord, Sup.
144	Pump to res.	H. R. Worthington. Knowles Steam P. W. F. B. Dean & Son.	305,999	250,000	8-8-5	James Allen, Sup. A. Forsberg, City En
51	Pump to res.	I. P. Morris Co. Deane Steam P. Co. Knowles Steam P. W.	1,088,193	1,107,700	6-4	F. McCullough, Reg D. Walden, S. & Clk.
486	Pump to res.	Knowles Steam P. W. Cope & Maxwell Co.	42,000	2,000	16	John Gallion, Sup.

LYO-MAU.

No. in Sta- tion	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned	Source of Supply.
899	589	Lyons . .	Michigan .	747	1879	Village .	Maple River.
522	244	Lyons . .	New York. .	3,820	1877	Company	Ground water .
273	458	McKeesport	Pennsylvania	8,212	1882	Borough	Youghiogheny R.
790	736	McPherson	Kansas .	1,590	1883	City . .	Well.
177	394	Macon . .	Georgia	12,749	1881	Company	Springs.
251	330	Madison .	Indiana .	8,945	1848 1871	City . .	Springs, surface water & Ohio Riv
222	508	Madison .	Wisconsin	10,324	1882	City . .	Artesian wells.
312	201	Mahanoy City	Pennsylvania	7,181	1868	Company	Springs and sur- face water.
188	343	Malden . .	Massachusetts	12,017	1870	Town .	Spot Pond.
474	204	Malone . .	New York	4,193	1857	Company	Springs.
740		Mamaroneck	New Ycrk .	1,863		Company	Spring Lake.
61	36	Manchester	N. Hampshire	32,630	1872	City . .	Lake Massabesic.
383	742	Manchester	Virginia . .	5,729	1840	City . .	James River.
938	743	Mandan .	Dakota . .	239	1884	City . .	Heart River.
325	562	Manistee .	Michigan .	6,930	1883	Company	Well and Manistee River.
390	66	Mankato .	Minnesota	5,550	1879	City . .	Minnesota Riv.
232	395	Mansfield .	Ohio . . .	9,859	1872	City . .	Springs.
662	744	Maquoketa	Iowa . . .	2,467	1884	City . .	Maquoketa R.
300		Marblehead	Massachusetts	7,467		Town .	Surface water.
768	276	Marengo .	Iowa . . .	1,738	1876	City . .	Iowa River.
777		Marine City	Michigan .	1,673	in progress	City . .	St. Clair River.
579	432	Marion . .	Indiana . .	3,182	1876	City . .	Artesian well.
227	582	Marlborough	Massachusetts	10,127	1883	Town .	Williams Pond
440	559	Marquette	Michigan .	4,690	1870	City . .	Lake Superior
353	72	Marshalltown	Iowa . . .	6,240	1877	Town .	Iowa River.
351	199	Martinsburg	West Virginia	6,335	1873	City . .	Springs.
458		Marysville	California .	4,321		Company	
329		Massillon .	Ohio . . .	6,836	1854	Company	Surface water.
381		Mattoon . .	Illinois . .	5,737	in progress	Company	Wells.
528	168	Mauch Chunk	Pennsylvania	3,752	1849	Company	Springs.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
899	Pump direct.	Holly Man. Co.		For fire protection		A. H. Jacob, Pres.
522	Pump to res.		\$ 4,000			M. V. B. Rowley, Man.
273	Pump to res.	H. R. Worthington.	100,000	\$ 75,000	5	Jos. Ecoff, Sup. W. H. Nelson, City
790	Pump to tank.	Eclipse Wind Mill.	8,000	7,000	7	Marshall. D. C. Welch, City Clk
177	Pump to res. & pump to stand- pipe.	H. R. Worthington.	108,500	110,500	6	J.M. Boardman, Pres A.E. Boardman, Tr. & S
251	Pump to res.		100,000	100,000	8	G. E. Goodman, Sup. A. C. Pogue, Sec. & Tr.
222	Pump to stand- pipe.	Knowles Steam P. W.	100,000	76,000	5	John B. Heim, Sup.
312	Gravity . .		87,000	6,000	6	Edw.S. Silliman, Pres.
188	Gravity . .		388,780	350,000	6	W. W. Hawkes, Sup.
474	Gravity . .		45,000	none		Benj. Webster, Sup.
740				no returns		
61	Pump to res.	R. D. Wood & Co.	799,107	750,000		Chas. K. Walker, Sup
383	Pump to res.	Robert Baird. Manchester Iron W.				Chief of Police, Sup.
938	Pump direct.	H. R. Worthington.	6,000	For fire pur- poses only.		John Fogarty.
325	Pump direct.	Holly Man. Co.	150,000	80,000	6	G. A. Hart, Sec. S. A. Cahill, Sup.
390	Pump direct.	Knowles Steam P. W.	16,000	15,000	7	C. A. Chapman, C. E.
232	Pump direct.	Holly Man. Co. Gordon & Maxwell Co.	192,000	95,000	8-6	E. McCoy, Sup.
662	Pump to tank and direct.	Geo. F. Blake Man. Co.	28,000	17,000	6	D. A. Fletcher, Sec.
300	Gravity . .			For fire protection		I. Atkins, Ch. Eng.
768	Pump direct.	H. R. Worthington.	10,000	none		A. J. Morrison, Mayor
777	Pump direct.	M. Walker.		25,000	6	R. B. Baird, Pres.
579	Pump direct.	Dean Bros.	35,000	20,000	6	Samuel Hulley, Sup. Wm. Charles, Clerk.
227	Pump to res. and direct.	Geo. F. Blake Man. Co.	165,174	200,000	4	Elbridge Howe, Chn. Geo. A. Stacey, Sup.
440	Pump direct.	Holly Man. Co.	70,000			Unknown.
353	Pump direct.	Knowles Steam P. W.	86,302	47,000		John Turner, Chn.
351	Pump direct.	Holly Man. Co.	80,000	80,000	5	J.M. Shaffer, Eng. & S.
458	Pump . .			no returns		L. H. Babb, Sup.
329	Gravity . .		75,000			I. H. Justis, Sec.
381	Pump . .			in progress		
528	Gravity . .		25,000			R. M. Brodhead, Sup.

MAY-MOB

No. in Sta- tistics.	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
679		Maynard	Massachusetts	2,291	in progress		
408	627	Maysville	Kentucky	5,220	1880	Company	Ohio River.
253	133	Meadville	Pennsylvania	8,860	1874	Company	French Creek.
604	599	Mechanicsburg	Pennsylvania	3,018	1857	Company	Springs.
294	200	Medford	Massachusetts	7,573	1870	Town	Spot Pond.
727	447	Media	Pennsylvania	1,919	1870	Town	Surface water.
803		Medina	Ohio	1,484		Town	
448	242	Melrose	Massachusetts	4,560	1870	Town	Spot Pond.
59	159	Memphis	Tennessee	33,592	1872	Company	Wolf River.
483	745	Mendota	Illinois	4,142	1884	City	Surface water.
952		Menlo Park	California		1864	Company	Surface water.
647		Menomonee	Wisconsin	2,589			no returns
149	143	Meriden	Connecticut	15,540	1869	City	Surface water.
304	654	Michigan City	Indiana	7,366	1875	City	Frail Creek.
330	237	Middletown	Connecticut	6,826	1866	City	Surface water.
262	387	Middletown	New York	8,494	1867	Village	Springs and sur- face water.
449	503	Middletown	Ohio	4,538	1872	Village	Ground water.
796	538	Midland City	Michigan	1,529	1882	Village	Chippaway Riv
241	279	Milford	Massachusetts	9,310	1881	Company	Charles River.
867		Milford	Pennsylvania	983		Company	
289	216	Millville	New Jersey	7,660	1878	Company	Well and Maurice River.
705	574	Milton	Pennsylvania	2,102	1883	Company	Susquehanna Riv.
20	19	Milwaukee	Wisconsin	115,587	1873	City	Lake Michigan
573		Minersville	Pennsylvania	3,249		Company	
41	121	Minneapolis	Minnesota	46,887	1867	City	Mississippi Riv
640	326	Mishawaka	Indiana	2,640	1873	Town	St. Joseph Riv.
937	258	Mission San Jose	California	246	1870	Company	Springs.
953		Missoula	Montana				no returns
750	746	Mitchell	Ontario	1,802		Town	Surface water.
75	747	Mobile	Alabama	29,132	1840	Company	Springs and sur- face water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works	Bonded Debt.	Rate of interest	Officers of Works.
679	In progress					
408	Pump to res.	Geo. F. Blake Man. Co.	\$150,000	\$50,000		A. Schaefer, Sup.
253	Pump to res.	Vergennes Mach. Co.	150,000			J. D. Gill, Pres. Geo. S. Cullum, Sup.
604	Gravity . .		Cap. Stock 25,000	15,000	5	A. Siefert, Sup.
294	Gravity and pump		320,000	300,000	6	R. M. Gow, Sup.
727	Pump to res.	H. R. Worthington. Isaac S. Cassin.	65,000	65,000	4	C. Williamson, Chn.
803	Pump . . .					Hickox Bros.
448	Gravity . .		185,697	150,000	6	Addison Lane, Sup.
59	Pump direct.	Holly Man. Co.	500,000	100,000	6	T. J. Latham, Pres. W. F. Cameron, S & S
483	Pump to tanks.	H. R. Worthington.	7,000	For fire protec- tion		S. Lee, Mayor.
952	Gravity . .					D. J. Mills, Sup.
647	no returns					
149	Gravity . .		355,528	325,000	7	H. L. Schleiter, Sup.
304	Pump to res. and pump direct.	H. R. Worthington.	40,000	35,000	7	J. Renkawitz, Chn.
330	Gravity . .		229,437	136,500	6	J. C. Broatch, S. & S.
262	Gravity and pump to res.	Holly Man. Co.	180,721	154,000	6-5-4	E. M. Madden, Chn. D. F. Seward, Clk.
449	Pump direct.	Holly Man. Co.	74,000	68,000	8	A. W. Hill, Ch. Eng.
796	Pump direct.	M. Walker.	21,000	20,000	5	John Larkin. B. F. Bradley.
241	Pump direct.	Holly Man. Co.	170,000	60,000	5	Moses Joy, Jr., Pres. C. W. Shippee, Sec.
867	Gravity . .		no returns			John McCarty, Sup.
289	Pump to tank.	Farrell & Muckle.	Cap. Stock 63,000			J. McChesney, Sec.
705	Pump to res.	H. R. Worthington.	36,000			R. F. Wilson, P. & Man
20	Pump to res. and stand-pipe.	E. P. Allis & Co. Gordon & Maxwell Co.	2,400,000	1,485,000	7	G. H. Bengenberg. City Eng.
573	Gravity . .		no returns			James Murray, Sup.
41	Pump direct.	Holly Man. Co., James Waters, C. M. Harden bergh, Pray Man. Co. Strotham Bros.	653,162	507,000		J. W. Henlon, Sup.
640	Pump direct.	Metzger.	10,000			J. H. Whitson, Pres.
937	Gravity . .		not given			G. L. Merritt, Sup.
953	no returns					
750	Pump direct.	Inglis & Hunter.	15,000	15,000	6	R. Christie, Town Cl't
75	Pump to stand- pipe.	West Point Foundry. Geo. F. Blake Man. Co.	200,000	none		Louis Stein, Sup.

MOD-NEW.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
774	653	Modesto	California	1,693	1876	Company	Wells.
286	273	Moline	Illinois	7,800	1877	City and Company	Mississippi R.
419	531	Moncton	New Brunswick.	5,032	1878	Company	Hall's Creek
612		Monongahela	Pennsylvania	2,904	in progress	Company	Monongahela R.
135	63	Montgomery	Alabama	16,713	1873	Company	Alabama Riv
739	212	Monticello	Iowa	1,877	1878	Town	Artesian well
15	18	Montreal	Quebec	140,747	1801	City	St. Lawrence R.
940	748	Morgan Park.	Illinois	187	1874	Company	Well.
394	220	Morristown	New Jersey	5,418	1799	Company	Springs.
668		Mt. Carmel	Pennsylvania	2,378	1882		no returns.
443	294	Mt. Holly	New Jersey	4,621	1846	Company	Ranococas Creek.
710	116	Mt. Joy	Pennsylvania	2,058	1874	Borough	Chiquesalurga Cr.
733	617	Mt. Morris	New York	1,899	1879	Company	Springs.
454		Mt. Pleasant	Iowa	4,410	in progress	Company	Big Creek.
848	547	Mt. Pleasant	Michigan	1,115	1882	Village	Well.
446	749	Mt. Vernon	New York	4,586	1884	Company	Artesian well.
406	378	Mt. Vernon	Ohio	5,249	1883	City	Wells.
272	113	Muscatine	Iowa	8,295	1876	Company	Mississippi R.
202	560	Muskegon	Michigan	11,262	1872	Town	Ground and surface water.
886	750	Nahant	Massachusetts	808	1884	Town	Wells and Lynn Works.
531	215	Nantucket	Massachusetts	3,727	1878	Company	Wannacommet Pond.
530	629	Napa	California	3,731	1883	Company	Ground Water
166	123	Nashua	N. Hampshire	13,397	1853	Company	Pennichunk Brook.
43	154	Nashville	Tennessee	43,350	1835	City	Cumberland R.
263	377	Natick	Massachusetts	8,479	1874	City	Dug Pond.
508	751	Negaunee	Michigan	3,931	1883	Town	Lake.
730		Nevada	Missouri	1,913	in progress	Company	Marmiton R.
494	752	Nevada City	California	4,022	1861	Company	South Yuba R
967		Newaygo	Michigan		in progress		
140	62	New Albany	Indiana	16,423	1875	Company	Ohio River.

No.	Mode of Supply.	Builders of Pumping Machinery	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works.
774	Pump to tanks.	Geo. F. Blake Man. Co.	\$ 20,000	none		S. P. Rogers, Pres. I. Perkins, Sup.
286	Pump direct.	H. R. Worthington. Deane Steam P. Co.				M. A. Gould, Eng. Phil. Keene, Sup.
419	Gravity		80,000	40,000	6	J. L. Harris, P. & Man. C. P. Harris, Tr.
612	Pump to res.	H. R. Worthington.	in progress			
135	Pump direct.	H. R. Worthington.	unknown	42,000	8	J. R. Baldwin, Sup.
739	Pump to res.	Geo. F. Blake Man. Co.	16,000	12,000	7	S. Y. Bradstreet, Sup.
15	Pump to res.	F. J. McDougall. W. P. Bartley. E. E. Gilbert. H. R. Worthington.				L. Lesage, Sup. & E.
940	Pump to tank.	U.S. Wind Eng. & P. Co.				
394	Gravity		138,000	50,000	6	H. C. Pitney, Pres. E. Pierson, Sec. & Tr.
668	Pump	H. R. Worthington.	no returns.			
443	Pump to res.	H. R. Worthington.	30,000	none		M. S. Pancoast, Pres. H. C. Risdon, S. & S.
710	Pump to res.	P. Wimer.	46,000	40,000	5	Wm. Kuhn, Sup.
733	Gravity					M. H. Mills, Owner. Carlos Branch, Sec.
454	Pump to stand-pipe.	Geo. F. Blake Man. Co.				G. B. Inman, Pres. C. F. Inman, Sup.
848	Pump to tank & pump direct.	Deane Steam P. Co.	1,400			W. T. Whitney, Sec.*
446	Pump to tank.	Knowles Steam P. W.				J. Berry, Sec.
406	Pump to tank.	H. R. Worthington.	80,000	75,000		C. W. Koons, Sup. P. B. Chase, Sec.
272	Pump to res.	Cope & Maxwell Co.	50,000	none		A. Jackson, Pres. Wm. Molis, Sup.
202	Pump direct.	Vergennes Mach. Co. M. Walker.	200,000			Jno. Kratz, Sup.
886	Pump direct & Lynn Works.	Geo. F. Blake Man. Co.	53,000			
531	Pump to tank.	Geo. F. Blake Man. Co. H. R. Worthington.	30,000	20,000	6	R. Gardner Chase, P. W. F. Codd, Sec. & T.
530	Pump to res.	W. T. Garratt.	100,000	none		E. S. Churchill, Sec.
166	Pump to res.	Lowell Machine Co. Hayes and Lang. H. R. Worthington.	225,000			E. Spaulding, Pres. H. M. Hobson, S. & T. B. S. Babcock, Sup.
43	Pump to res.	Dean Bros. H. R. Worthington. Holly Man. Co.	1,500,000	75,000	6	G. Reyer, Sup.
263	Pump to res.	H. R. Worthington.	201,225	165,000	5-6-7	J. W. Morse, Sup.
508	Pump direct.	H. R. Worthington.	30,000	25,000	4-5	A. W. Maitland, Sup.
730	Pump to res		100,000	50,000	7	P. B. Perkins, Owner. W. W. Prewitt, Sup.
494	Gravity		35,000	none		J. E. Brown, Sup.
967	Pump direct.	M Walker.				Tyson Smith, Ch.
140	Pump to res.	Chas. Hegewald.	215,000	100,000	7	Frank Schefold, S. & E.

NEW-NOR.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
16	14	Newark	New Jersey	136,508	1800	City	Passaic River.
83	59	New Bedford	Massachusetts	26,845	1865	City	Acushnet Riv.
893	623	New Bethlehem	Pennsylvania	773	1883	Company	
179	239	New Brighton	New York	12,679	1881	Company	Ground water.
538	238	New Brighton	Pennsylvania	3,653	1879	Company	Beaver River.
191	348	New Britain	Connecticut	11,800	1857	City	Shuttle Meadow Brook
131	250	New Brunswick	New Jersey	17,166	1866	City	Lawrence Brook.
125	68	Newburgh	New York	18,049	1853	City	Washington Lake and Silver Creek.
164	753	Newburyport	Massachusetts	13,538	1881	Company	Springs.
919	366	New Carlisle	Indiana	530	1878	Village	Ground water.
535	441	New Castle	Delaware	3,700	1870	Company	Christiana Riv.
266	325	New Castle	Pennsylvania	8,418	1881	Company	Shenango Cr.
28	86	New Haven	Connecticut	62,882	1862	Company	Mill River & Lakes
927	616	New Jersey Re- form School, Jamesburg	New Jersey	400		State	Springs.
714	315	New Lisbon	Ohio	2,028	1840	Town	Springs.
217	57	New London	Connecticut	10,537	1802 1872	City	Lake Konomoc
809	317	New Milford	Connecticut	1,416	1874	Company	Surface water.
10	10	New Orleans	Louisiana	216,090	1833	Company	Mississippi R.
107	45	Newport	Kentucky	20,433	1871	City	Ohio River.
148	172	Newport	Rhode Island	15,693	1875	Company	Easton's Pond
646	754	Newton	Kansas	2,601	1884	Company	Sand Creek.
133	54	Newton	Massachusetts	16,995	1875	City	Charles River.
		New York			1829		
I	I	New York High Service.	New York	1,206,299	1842 1870 1880	City	Croton and Bronx Rivers.
568	131	Niagara Falls	New York	3,320	1877	Company	Niagara River.
672	420	Niagara Falls	Ontario	2,347	1858	Company	Niagara River
473	396	Niles	Michigan	4,197	1878	Company	Berrian Lake.
91	70	Norfolk	Virginia	21,966	1872	City	Surface water.
173	173	Norristown	Pennsylvania	13,063	1847	Company	Schuylkill Riv.
225	382	North Adams	Massachusetts	10,191	1865	Town	Surface water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
16	Pump to res.	H. R. Worthington.	\$3,230,530	\$3,240,000	7	W.E. Greathead, Sup.
83	Pump to res.	Geo. W. Quintard. H. R. Worthington.	1,089,939	690,000	7-6-5	B. C. P. Congreshall, S. J. H. Hathaway, Reg.
893	Pump to res.	H. R. Worthington.				E. V. Marsh, Pres.
179	Pump to res.	Knowles Steam P. W.	350,000	100,000	6	N. Brightman, Pres. J. S. Ward, Sup.
538	Pump to res.	H. R. Worthington. Wilson, Snyder & Co.	60,000	23,000	6	R. S. Kennedy, Pres. H. S. McConnell, Tr. R. E. Hoopes, Sup.
191	Gravity . .		216,000	171,000	4-7	A. W. Rice, Ch. Com.
131	Pump to res.	C. Carr, A. Carr. H. R. Worthington.	459,661			A. J. Jones, Sup. & Tr.
125	Gravity and pump.	H. R. Worthington.	464,745	286,500		W.C. Miller, Sec. & Sup.
164	Pump to tank.		314,375	none		J. E. McCucker, Sup.
919	Pump to tank.	H. R. Worthington.	7,000	5,000	7	W. H. Wade, Sup. S. C. Lancaster, Clerk
535	Pump to res.	Henderson. Geo. F. Blake Man. Co.	100,000	50,000	5	J. G. Shaw, Pres. I. C. Shaw, Sup.
266	Pump to res.	Geo. F. Blake Man. Co.				J.H. Harlow, S. & Eng
28	Pump to res. and Gravity	Yale Iron Works. H. R. Worthington.	1,500,000	125,000		E. I. Foote, Sec.
927	Pump to res. & pump direct	Knowles Steam P. W. Guld & Garrison.				J. H. Eastman, Sup.
714	Gravity . .		20,000	none		C E. Frost, Sec.
217	Gravity . .		317,513	250,000		W.H. Richards, E. & S.
809	Gravity . .		48,000	none		C. H. Noble, Sec. & Tr. H. O. Warner, Sup.
10	Pump to res. & pump direct.	Knowles Steam P. W.	2,000,000	350,000	6	A. Baldwin, Pres. L.H. Gardner, Sec. & Tr
107	Pump to res.	Cope & Maxwell Co. Holly Man. Co.	745,845	700,000		B.R. Morton, Eng. & S.
148	Pump to res.	A. Carr. L. J. Knowles.	500,000			C. B. Weaver, S. & Tr.
646	Pump to tank.	H. R. Worthington.	110,000	60,000	7	T. S. Moorhead, Eng.
233	Pump to res.	H. R. Worthington.	942,992	676,013		A. F. Noyes, Eng.]
	Gravity . .					
I	Pump to stand- pipe.	H. R. Worthington.	36,319,122	11,429,700		G. W. Birdsall, Eng.
568	Pump direct.	Holly Man. Co.	40,000	none		F. Spaulding, Pres. B. Rhodes, Sec. & Eng. H. S. Ware, Sup.
672	Pump to res.	Holly Man. Co.	100,000			J. B. Lewis, Man.
473	Gravity . .		45,000			S. L. Wiley, Pres. O. T. Wiley, Sup. J. H. Richardson, Sec.
91	Pump direct.	H. R. Worthington. Holly Man. Co.	531,618	500,000		H. L. Smith, Sup.
173	Pump to res.	R. S. Newbold & Son. H. R. Worthington.	275,000	99,000	5	James Boyd, Pres. John Blingluft, Sup.
225	Gravity . .		180,000			Thos. A. Hodge, Sup.

NOR-OSH.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
184	64	Northampton.	Massachusetts	12,172	1871	City . .	Surface water.
282		North Attleboro	Massachusetts	8,000	in progress	Fire district	Well.
776	467	Northborough.	Massachusetts	1,676	1882	Town .	Surface water.
917	687	North Conway	N. Hampshire	553	1883	Company	Springs.
954	438	North Carolina Insane Asylum	North Carolina.		1876	Asylum	Surface water.
865	777	North Spring- field	Missouri . .	994		Company	Supplied from Springfield
909		North San Juan	California .	656		Two companies.	
895		Northville	New York .	763		no returns	
401	583	Norwalk .	Connecticut .	5,308	1872	Borough	Surface water.
386	91	Norwalk .	Ohio . .	5,704	1871	City .	Huron River.
152	46	Norwich .	Connecticut .	15,112	1868	City .	Surface water.
380	319	Norwich .	New York .	5,756	1881	Company	Hopkins Brook
513		Nyack .	New York .	3,881			Hackensack R.
56	261	Oakland .	California .	34,555	1866	Company	San Leandro and Seneschal Creeks.
479	672	Oconto .	Wisconsin .	4,171	1883	Company	Oconto River.
912	755	Odebolt .	Iowa . .	637	1884	Company	Well.
363	541	Ogden City	Utah . .	6,069	1881	City .	Ogden River and Spring.
221	96	Ogdensburg	New York .	10,341	1868	City .	Oswegatchie R
306	280	Oil City .	Pennsylvania	7,315	1872	City .	Allegheny Riv.
680		Olathe . .	Kansas . .	2,285	in progress	City .	Surface water.
597	626	Olean . .	New York .	3,036	1878 1883	City .	Well.
830	615	Olympia .	Washington Ter.	1,232	1866	Company	Morley Creek.
70	175	Omaha .	Nebraska .	30,518	1881	Company	Missouri River.
507	756	Oneida .	New York .	3,934	1883	Company	Surface water.
607	468	Oneonta .	New York .	3,002	1882	Company	Oneonta Creek
170	588	Orange .	New Jersey .	13,207	1883	City .	Surface water.
744	757	Orangeville	Ontario . .	1,850	1876	Town .	Surface water.
856		Oregon .	Illinois . .	1,088		City . .	Rock River.
767	758	Oroville .	California .	1,743	1878	Company	Surface water.
146	759	Oshkosh .	Wisconsin .	15,748	1884	Company	Lake Winnebago.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
184	Gravity . . .		238,526			Jonas M. Clark, Sup.
282	Pump to tank.	Davidson Steam P. Co.	125,000			F. G. Pate, F. S. Draper, E. G. Pintz, Comrs
776	Gravity . .		60,600	60,000	4	M. Hildreth, Sec & Tr.
917	Gravity . .		10,000	none		L. Pitman, Sec. A. Eastman, Sup.
954	Gravity . .		21,835			
865	Gravity and pump.					P. B. Perkins, Pres. and Man.
909	Gravity . .		no returns			G. M. Crane, Sup. Wm. H. Hicks, Sup.
895			no returns			
401	Gravity . .		223,000			D. P. Ely, Com.
386	Pump direct.	H. R. Worthington. Holly Man. Co.	125,000	20,000	8	A. Joslin, Sup. & Sec.
152	Gravity . .		418,315			H. B. Winship, Sup.
380	Gravity . .		70,000			Cyrus B. Martin, Tr. T. DeW. Miller, Sec.
513	Pump . .		no returns			
56	Gravity . .		3,961,644	495,000	8	A. Chabot, Pres & Eng Wm. H. Medd, Sec.
479	Pump to tank.	Knowles Steam P. W.	4,000			A. Cole, Pres. Chas. Hall, V. Pres.
912	Pump to tank.	U. S. Wind Engine & Pump Co.	Capital Stock. 20,000	3,200	6	H. C. Wheeler, Pres.
363	Gravity . .		85,000	none		E. H. Orth, Pres. J. Taylor, Sec.
221	Pump direct.	Holly Man. Co. Vergennes Mach. Co.	135,000	135,000	7	A. H. Lord, Sup.
306	Pump to res. "Eclipse."		160,000	93,000	8	S. D. Miller, Sup.
680	Pump direct.	Holly Man. Co.	in progress			J. L. Price, Sec.
597	Pump to res.	H. R. Worthington.	83,000	80,000	4½	Wm. M. Irish, Pres. L. E. Chapin, Sup.
830	Pump to res.	W. T. Garratt.	20,000	none		H. G. Struve, Pres. W. N. Horton, S. & En.
70	Pump to res.	Knowles Steam P. W. Holly Man. Co.	400,000			N. Shelton, Sec. & Tr.
507	Gravity . .			none		J. W. Warner, Pres.
607	Gravity . .		47,000	none		Munroe Wescott, Pr. T. A. Norton, Sup.
170	Gravity . .		400,000	400,000	5	Chas. E. Metcalf, Chn.
744	Pump to res.	Holly Man Co.	10,000	10,000	6	Wm. Sutton, Eng.
856	Pump to res.		no returns			W. C. Bunker, C'y Clk.
767	Gravity . .		25,000	none		John J. Smith, Pres. E. W. Fogg, Sec.
146	Pump direct.	Holly Man. Co.	Capital Stock. 250,000			D. L. Libby, Pres. G. W. Burnell, Sec.

OSK-PET.

No. in Sta- tion	No. in His- tory	Name of Town	State or Province	Population 1880	Date of Construction of Works	By whom owned	Source of Supply
445	540	Oskaloosa	Iowa	4,598	1880	Company	Surface water.
100	145	Oswego	New York	21,116	1868	Company	Oswego River.
285		Ottawa	Illinois	7,834	1860	Company	Springs.
80	34	Ottawa	Ontario	27,412	1872	City	Ottawa River.
249	256	Ottumwa	Iowa	9,004	1878	Company	Des Moines R.
882	761	Ouray	Colorado	864	1881	Town	Oak Creek.
391	402	Owego	New York	5,525	1879	Company	Surface water.
355	329	Owensboro	Kentucky	6,231	1879	Company	Ohio River.
453	235	Owen Sound	Ontario	4,426	1880	Company	Spring.
799	499	Oxford	Pennsylvania	1,502	1869	Borough	Surface water.
518	478	Painesville	Ohio	3,841	1882	Company	Ground water.
608	358	Palestine	Texas	2,997	1882	Company	Springs.
		Palo Alto	Pennsylvania	1,588			Supplied from Pottsville.
456	74	Paris	Illinois	4,373	1879	City	Ground water.
580	673	Paris	Ontario	3,173	1883	Town	Spring.
793	364	Park City	Utah	1,542	1880	Company	Surface water.
837	436	Parkdale	Ontario	1,170	1882	City	Lake Ontario.
747	649	Parker City	Pennsylvania	1,835	1872	Company	Allegheny Riv.
472	580	Parsons	Kansas	4,199	1883	Company	Big Labette Cr.
344	324	Passaic	New Jersey	6,532	1872	Company	Passaic River.
37	134	Paterson	New Jersey	51,031	1856	Company	Passaic River.
115	75	Pawtucket	Rhode Island	19,030	1879	City	Surface water.
		Pawtuxet	Rhode Island	282			Supplied from Providence.
248	572	Peabody	Massachusetts	9,028	1799 1868	Town	Surface water.
326	76	Peekskill	New York	6,893	1875	Village	Surface water.
553	762	Penn Yan	New York	3,475	1884	Company	Keuka Lake.
74	148	Peoria	Illinois	29,259	1868	City	Illinois River.
436	558	Perth Amboy	New Jersey	4,808	1882	Company	Springs and surface water.
403	417	Peru	Indiana	5,280	1879	City	Wabash River.
567	254	Petaluma	California	3,326	1872	Company	Surface water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
445	Pump direct.	Holly Man. Co.	\$102,000	\$80,000	6	Wm. Bowen, Sup.
100	Pump to res.					D. Mannering, Sec.
285	Gravity . .		not given			J. D. Caton, Owner. T. D. Catlin, Sup.
80	Pump direct.	Jos. Hall Man. Co. N. S. Blasdell & Co.	914,000			R. Surtees, C. E. Man.
249	Pump to res.	Knowles Steam P. W. Vergennes Mach. Co. Deane Steam P. Co.				S. L. Wiley, Pres. W. F. McCue, Sup.
882	Gravity . .		22,500	20,000	8	
391	Gravity and pump.	Deane Steam P. Co.				H. W. Moore, Sup.
355	Pump direct	Holly Man. Co.		100,000	6	H. P. Martin, Snp.
453	Gravity . .		35,000			S. J. Parker and R. Notter, Owners.
799	Pump to res.		31,000	28,000	5	John Reed, Sup.
518	Pump to tank	H. R. Worthington.	100,000	none		B. F. Stevens, Sup.
608	Pump to stand-pipe.	W. E. Worthen.	126,000	80,000	6	M. L. Gray, Pres. J. T. Jones, Sup.

Supplied from Pottsville.

456	Pump direct.	Geo. F. Blake Man. Co.	39,706			J. L. Collum Sup.
580	Pump to res.	Northey & Co.	31,448	30,000	6	C. W. W. Whitlaw, Chn S. Dadson, Clerk.
793	Gravity . .		19,000	none		Jos. E. Jennings, Pres. W. M. Ferry, Sup.
837	Pump direct.	M. Walker.	49,000	82,000	6	John Patrick, Sup.
747	Pump to tanks.	A. S. Cameron.	20,000			O. Tinsman, Sup. John Walker, Eng.
472	Pump to tank & pump direct.	Smith, Vaile & Co.	85,000	50,000	6	A. H. McCormick, P. & S.
344	Gravity and pump to res.	Chas. Carr.	125,000		7	W. Paulison, S. & S.
37	Pump to res.	H. R. Worthington.	1,440,361	1,040,300	7-6-5	John Ryle, Pres. Wm. Ryle, Sup.
115	Pump to res.	Corliss Steam Eng. Co	898,137	750,000	5	Edw. Darling, Sup. E. A. Grout, Clk.

Supplied from Providence.

248	Gravity and pump to tank.	H. R. Worthington.	280,100	200,000	4-7	D. S. Littlefield, Chn.
326	Pump to res.	Vergennes Mach. Co.	147,000	150,000	7	Chas. R. Swain, Sup.
553	Pump to tank.	H. R. Worthington.	70,000	70,000	6	F. B. Merrill, Pres. F. W. Allen, Sec.
74	Pump direct.	Holly Man. Co. Dean Bros. A. S. Cameron. H. R. Worthington.	450,000	450,000	6	A. M. Studer, Sup.
			Capital Stock.			
436	Pump to tank.	Geo. F. Blake Man. Co.	100,000	66,000		Wm. Hall, Pres. Milton A. Brown, Sup.
403	Pump to res.	H. R. Worthington.	111,069			
567	Gravity . .		130,000	none		B. L. Hesseltine, S. & S.

PET-POR.

No. in Sta- tistics	No. in His- tory	Name of Town.	State or Province	Population 1880	Date of Construction of Works.	By whom owned	Source of Supply.
405	460	Peterborough	Ontario . .	5,250	1882	Company	Otonabee Riv.
97	274	Petersburg	Virginia . .	21,656	1856	City . .	Surface water.
749	525	Petoskey .	Michigan . .	1,815	1881	City . .	Ground water.
835	454	Petrolia .	Pennsylvania	1,186	1874	Company	Artesian well.
955	513	Phenix Furnace	New York . .		1865	Company	Ground water.
2	2	Philadelphia	Pennsylvania	847,170	1801	City . .	Schuylkill River. Delaware River.
	412	Phillipsburg	New Jersey .	7,181			Supplied from Easton.
335	85	Phoenixville	Pennsylvania	6,682	1873	Borough	Schuylkill Riv.
900	247	Pioche . .	Nevada . .	745	1872	Company	Springs.
367	351	Piqua . .	Ohio . . .	6,031	1875	City . .	Surface water.
13	25	Pittsburgh	Pennsylvania	156,389	1824 1875	City . .	Allegheny Riv.
167	112	Pittsfield .	Massachusetts	13,364	1855	Town .	Ashley Lake.
299	269	Pittston .	Pennsylvania	7,472	1857	Company	Susquehanna Riv.
723		Placerville	California .	1,951		Company	Mining Canal.
725		Plainville .	Connecticut	1,930	in progress	Company	Spring and sur- face water.
821	345	Plainwell .	Michigan . .	1,356	1870	Village .	Kalamazoo Riv
407	585	Plattsburg	New York . .	5,245	1870	Town .	Surface water.
935	103	Pleasant Hill	Kentucky . .	300	1833	Company	Spring.
316	136	Plymouth	Massachusetts	7,093	1855	Town .	Ponds.
770	229	Plymouth	N. Hampshire	1,719	1881	Company	Springs and sur- face water.
364		Plymouth	Pennsylvania	6,065	1876	Company	Springs.
842	248	Port Byron	New York . .	1,146	1870	Village .	Owasco River.
		Port Carbon	Pennsylvania	2,346			Supplied from Pottsville.
413	634	Port Hope	Ontario . .	5,114	1874	Town .	Smith's Creek.
252	157	Port Huron	Michigan . .	8,883	1872	City . .	Lake Huron.
257	545	Port Jervis	New York . .	8,678	1870	Company	Surface water.
58	118	Portland .	Maine . . .	33,810	1869	Company	Lake Sebago.
778		Portland .	Michigan . .	1,670		Town .	
	287	Portland .	N. Brunswick				See St. John.
127	524	Portland .	Oregon . . .	17,577	1858	Company	Willamette Riv

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
405	Pump direct.	Knowles Steam P. W.	\$ 80,000			Geo. W. Hutton, Sec.
97	Pump to res.	Talbott & Sons. Uriah Wells.	150,000	\$ 125,000	8	Geo. H. Evans, Sup.
749	Pump to tanks.	Knowles Steam P. W.	21,000	19,000	6	B. B. Powell, Sup.
835	Pump to tank.	Geo. F. Blake Man. Co.	8,000	none		S. W. Harley, Sec. F. L. Masson, Sup.
955	Gravity . .		3,000			C. F. Maltby, Owner. A. J. Copp, Sup.
2	Pump to res.	I. P. Morris' Son. H. R. Worthington. Wm. Cramp & Son. Merrick & Sons.	15,000,000	6,500,000	6-5	W. Ludlow, Ch. Eng.

Supplied from Easton, Pa.

335	Pump to res.	H. R. Worthington.	200,000	194,900		D. F. Moore, Sup.
900	Gravity . .		200,000	none		R. N. Elam, Sup.
367	Pump direct.	Vergennes Mach. Co.	380,000	290,000	6-8	J. W. King, Sec.
13	Pump to res.	M. Stackhouse.		4,582,500	7	Geo. H. Brown, S. & E.
167	Gravity . .		217,000	190,000	6	J. M. Hatch, Sup.
299	Pump to res.	H. R. Worthington. Knowles Steam P. W.	114,000	none		R. J. Wisner, Sup. John Anderson, Sup.
723	Gravity . .			no returns		F. A. Bishop.
725	Gravity . .		30,000	none		W. L. Cowles, Pres. E. C. Chapman, Sec. & Tr.
821	Pump direct.	Holly Man. Co. M. Walker.	12,000	none		P. M. Sternberg, Sup.
407	Gravity . .		180,000			D. C. Boynton, Sup.
935	Pump to tank.					C. A. Tasker, Man.
316	Gravity and pump direct.	H. R. Worthington.	155,000	90,000	6	R. W. Bagnall, Sup.
770	Gravity . .		25,000	none		W. F. Langdon, Sup.
364	Gravity . .		50,000			
842	Pump to res.	Rumsey & Co.	10,000	3,050	6	R. M. Howard, Ch. Eng.

Supplied from Pottsville.

413	Pump direct.	Wm. Hamilton.	20,000	none		John Gamble, Sup.
252	Pump direct.	Holly Man. Co.	189,569	150,000	5	L. Atkins, Sec. Wm. H. Avery, Ch. E. & S.
257	Gravity . .		45,000	20,000	5	P. E. Farnum, Pres. L. Y. Ketchum, Sup.
58	Gravity . .			1,000,000	6	D. W. Clark, Pres. Geo. P. Wescott, Sup.
778	Pump . .			no returns		F. W. Cutocheon, Sup.

See St. John

127	Pump to res.	H. R. Worthington.				H. D. Green, Pr & Sup.
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POB-REI.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
234		Portsmouth	N. Hampshire	9,690	1797	Company	Springs.
201	372	Portsmouth	Ohio . . .	11,321	1871	City . .	Ohio River.
199		Portsmouth	Virginia . .	11,390	ⁱⁿ progress	Company	Kilby's Lake.
628	100	Potsdam	New York . .	2,762	1871	Village .	Racket River.
402	240	Pottstown	Pennsylvania	5,305	1871	Company	Schuylkill Riv.
169	481	Pottsville	Pennsylvania	13,253	1836 1854	Company	Surface water.
108	58	Poughkeepsie	New York . .	20,207	1870	City . .	Hudson River.
623	210	Prairie du Chien	Wisconsin . .	2,777	1876	Company	Artesian well.
746		Prescott	Arizona . . .	1,836	ⁱⁿ progress	City . .	Surface water.
578	576	Princeton	New Jersey . .	3,209	1883	Company	Ground water.
956		Prospect Park, (Brooklyn.)	New York . .		1869	Park Com.	Ground water.
957		Providence	Pennsylvania			Company	
21	17	Providence	Rhode Island	104,857	1772 1870	City . .	Pawtuxet Riv.
577	194	Pueblo	Colorado . .	3,217	1874	City . .	Arkansas Riv.
958	763	Pullman	Illinois . . .		1882	Company	^{Supplied from} Hyde Park.
29	153	Quebec	Quebec . . .	62,446	1851	City . .	St. Charles Riv.
81	384	Quincy	Illinois . . .	27,268	1873	Company	Mississippi R.
215	674	Quincy	Massachusetts	10,570	1883	Company	Ground and sur- face water.
864		Quinnesec	Michigan . .	1,000		no returns	
143	151	Racine	Wisconsin . .	16,031	1874	Company	Artesian wells.
349	114	Rahway	New Jersey . .	6,455	1871	City . .	Rahway River.
850	647	Randolph	New York . .	1,111	1884	Company	Springs.
658	445	Raton	N. Mexico . .	2,500	1880	Company	Springs and well.
44	590	Reading	Pennsylvania	43,278	1819	City . .	Surface water.
637		Red Bank	New Jersey . .	2,684	ⁱⁿ progress	Town .	
704	500	Red Bluff	California . .	2,106	1861 1880	Company	Surface water & Sacramento River.
527	764	Red Oak	Iowa	3,755	1881	City . .	Wells and surface water.
375	675	Red Wing.	Minnesota . .	5,876	1884	City . .	Mississippi R.
855	528	Reed City	Michigan . .	1,091	1882	City . .	Well and Hersey River.
922	765	Reinbeck	Iowa	482	1883	Town'	Well.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works.
234	Gravity . .					Oliver Ayres, Sup.
201	Pump direct.	Holly Man. Co.	200,000	150,000	8	Chas. Zeigler, Sup.
199	Pump. . .	H. R. Worthington.	600,000	300,000	7	W. T. Riggs, Sup.
628	Pump direct.	Holly Man. Co.	50,000	47,000	7	D. A. B. Bailey, Sup
402	Pump to res.	H. R. Worthington. Henderson.	90,000	18,000	5	Isaac Fagely, Pres. Isaac Geist, Sup.
			Capital Stock.			
169	Gravity . .		200,000			W. D. Pollard, S. & E Danl. Morton, Sup.
108	Pump to res.	H. R. Worthington.	559,394	550,000	7	C. E. Fowler, C.E. Sup. D. R. Thompson, Clk.
623	Flowing well.		6,500	none		M. Menges, Pres. W. Newton, Sec.
746	Pump to res.	Geo. F. Blake Man. Co.		70,000	8	
578	Pump to tank.	W. E. Worthen. H. R. Worthington.	55,000	none		W. Libbey, Jr., Sec.
956	Pump to res.	H. R. Worthington.				J. Y. Culyer, Ch. Eng.
957	Gravity . .		no returns			J. B. Fish, Sup.
21	Pump to res. & pump direct.	H. R. Worthington. Providence S. Eng. Co. Corliss Steam Eng. Co. Paulding, Kemble & Co.	4,928,682			S. M. Gray, Sup.
577	Pump direct.	Holly Man. Co.	160,000	140,000	8	C. J. Stetson, Ch. Eng.
958	Pump direct & pump to stand- pipe.	Holly Man. Co.	250,000	none		D. Doty.
29	Gravity . .		1,300,000	1,100,000	6-7	C. Baillairgé, Man.
81	Pump to res.	McGowan Pump Co. Frost Man. Co.	450,000			L. Bull, Pres, W. B. Bull, Sec. E. Prince, Eng. & Sup.
215	Pump to tank.	Deane Steam P. Co.	237,000	125,000	6-5	F. E. Hall, Sup. A. A. Howland, Engr.
864	Pump direct.					H. McLaughlin, Clk.
143	Flowing well.		12,000			H. Raymond, S. & T.
349	Pump direct.	H. R. Worthington.	185,000	185,000	7	H. B. Bunn, Sup.
850	Gravity . .					J. A. Cloud, Pres. & M. J. J. Pardee, Sec.
658	Gravity and pump to res.	Knowles Steam P. W.	40,000			
44	Gravity . .		342,866	479,125	4-5-6	W. B. Harper, Sup.
637	Pump direct & pump to res.		in progress.			
704	Gravity & pump to stand-pipe & tanks.	W. F. Garrett.	100,000	none		C. Cadwalader, Sup.
527	Pump direct.	Smith, Valle & Co.	32,400			
375	Pump to res.	Geo. F. Blake Man. Co.	84,000	85,000	5	
855	Pump direct.	Deane Steam P. Co.	9,000	9,000	6	W. M. Slosson, Chn.
922	Pump to tank.	Wind Mill.	4,000	2,100	8	J. B. Tallmadge.

REN-ST, J.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
826	650	Reno . .	Nevada . .	1,302	1879	Company	Truckee River.
533	404	Renovo . .	Pennsylvania	3,708	1873	Borough	Surface water.
824	281	Richfield Springs.	New York . .	1,307	1879	Village .	Surface water.
945	676	Rich Hill . .	Missouri . .	36	1883	Company	Marais des Cygnes River and well.
178		Richmond . .	Indiana . .	12,742	in progress		
27	30	Richmond . .	Virginia . .	63,600	1830	City . .	James River..
959	428	Richmond Fur- nace.	Massachusetts		1882	Company	Surface water.
852		Ridgway . .	Pennsylvania	1,100		Company	Spring.
735	333	Rochelle . .	Illinois . .	1,893	1877	City . .	Springs.
23	23	Rochester . .	New York . .	89,366	1876	City . .	Hemlock Lake, Canadice Lake and Genesee River
172	171	Rockford . .	Illinois . .	13,129	1875	City . .	Rock River & well.
195	507	Rock Island . .	Illinois . .	11,659	1872	City . .	Mississippi Riv
292	298	Rockland . .	Maine . .	7,599	1851	Company	Lake.
373	766	Rockville . .	Connecticut	5,902	1847	Company	Snipsick Lake.
515	95	Rome . .	Georgia . .	3,877	1871	City . .	Ground water.
183	94	Rome . .	New York . .	12,194	1872	City . .	Mohawk River
943		Roscommon . .	Michigan . .	114		Village .	
297	767	Rutland . .	Vermont . .	7,502	1856	City . .	Mendon River.
311	222	St. Albans . .	Vermont . .	7,193	1873	Village .	Surface water.
207	291	St. Catherines.	Ontario . .	11,000	1846 1876	Town .	Surface water.
420	245	St. Charles . .	Missouri . .	5,014	1881	Company	Missouri River
		St. Clair . .	Pennsylvania	4,149			Supplied from Pottsville.
663	688	St. Cloud . .	Minnesota . .	2,462	1883	City . .	Mississippi Riv
370	618	Ste. Cunegonde . .	Quebec . .	6,000	1879	Company	St. Lawrence R
357	619	St. Gabriel . .	Quebec . .	6,200	1881	Village .	Supplied from Ste. Cunegonde.
295	620	St. Henri . .	Quebec . .	7,550	1880	Company	Supplied from Ste. Cunegonde.
347		St. Hyacinthe . .	Quebec . .	6,500	no returns		
805		St. Jerome . .	Ontario . .	1,450	no returns		
64	287	St. John and Portland . .	N. Brunswick	32,000	1836 1849	City . .	Lily Lake and Little River.
67	473	St. Johns . .	Newfoundland.	30,743	1847 1862	Company	Windsor Lake.

No.	Mode of Supply.	Builders of Pumping Machinery	Cost of Works.	Bonded Debt.	Rate of Interest	Officers of Works.
826	Gravity . . .					A. A. Evans, Sup.
533	Gravity . . .		\$ 58,000	\$ 50,000	8	J. H. Ferguson, Sup.
824	Gravity . . .		24,000	22,000	6	S. F. Cole, Sup. H. C. Watson, Sec.
945	Pump to stand- pipe.	Geo. F. Blake Man. Co.				O. Garrison, Pres. E. K. Blanchard, Sup.
178	Pump . . .	Holly Man. Co.	in progress			
27	Pump to res.	H. R. Worthington.	2,900,000			J. L. Davis, Sup.
959	Gravity . . .		4,000			R. A. Burget, Man.
852	Gravity . . .					Dr. Earle, Owner.
735	Pump direct.	H. R. Worthington.	19,000	5,000	7	G. F. Northrop, Chn.
23	Gravity and pump direct.	Holly Man. Co.	3,644,749	3,182,000	7	J. N. Tubbs, Ch. Eng
172	Pump direct.	Holly Man. Co.	300,000	27,000	5	J. A. Ferguson, Ch En
195	Pump direct.	Holly Man. Co. H. R. Worthington.	220,000	60,000	8	J. H. Kerr, Sup.
292	Gravity and pump direct.	Holly Man. Co.				J. B. Farnsworth. N. T. Sleeper, Sec.
373	Gravity . . .		60,000			Geo. Maxwell, Pres. J. C. Hammond, Jr., Sec. and Treas.
515	Pump to res.	Noble Bros. & Co.	110,000	97,000	6	L. J. Wagner, Sup. W. W. Waters, Eng.
183	Pump to res.	Watertown Steam En- gine Co.	160,000	160,000	7	C. T. Hayden, Sup.
943	Pump . . .		no returns			J. R. Cady, Sup.
297	Gravity . . .		100,000	82,500	6-5-4	J. M. Davis, Sup.
311	Gravity . . .		210,000	200,000	5	Marshall Mason, Sup.
207	Gravity . . .		263,071			J. A. Mills, Sup.
420	Pump direct and pump to tank.	Knowles Steam P. W. H. R. Worthington.	80,000	80,000	6	J. W. Ruenzie, Sup.

Supplied from Pottsville, Pa.

663	Pump direct.	Holly Man. Co.	25,000	20,000	6	Wm. Bingham, Eng.
370	Pump direct.	Holly Man. Co.	125,000			Berger & Belque, Own C. F. Porlier, Sec. & Tr
357	Pump direct.	Holly Man. Co.	65,000			R. Turner, Sec. & Tr.
295	Pump direct.	Holly Man. Co.	112,000			Berger & Belque, Own F. H. Deseve, Sec. & Tr
347			no returns			
805			no returns			
64	Gravity . . .		987,472	987,472	6	G. Murdoch, C.E., Sup
67	Gravity . . .		400,000	400,000	5	Thos. Olft, Sec. John Martin, Eng.

ST-J-SAN.

No. in Sta- tistics.	No. in His- tory	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
488		St. Johns	Quebec	4,070	no returns.		
564	224	St. Johnsbury	Vermont	3,360	1876	Village	Passumpsic R.
858	602	St. Johnsville	New York	1,072	1879	Village	Spring.
62	407	St. Joseph	Missouri	32,431	1880	Company	Missouri River.
720	208	St. Louis	Michigan	1,975	1880	City	Pine River.
6	6	St. Louis	Missouri	350,518	1833 1867 1873	City	Mississippi R.
48	292	St. Paul	Minnesota	41,473	1870	City	Lakes.
310	485	St. Thomas	Ontario	7,200	1874	City	Surface water.
		Saco	Maine	6,389	See Biddeford.		
98	397	Sacramento	California	21,420	1854	City	Sacramento R.
218	426	Saginaw City	Michigan	10,525	1873	City	Saginaw River.
652	347	Salamanca	New York	2,531	1881	Company	Springs and sur- face water.
79	44	Salem	Massachusetts	27,563	1796 1869	City	Wenham Lake.
823	327	Salem	N. Carolina	1,340	1800 1878	Company	Ground water.
416	440	Salem	New Jersey	5,056	1882	City	Surface water.
493	449	Salem	Ohio	4,041	1862	Company	Spring and Arte- sian well.
651	246	Salem	Oregon	2,538	1871 1883	Company	Willamette Riv.
763	472	Salem	Virginia	1,759	1876	Town	Springs.
960	768	Salida	Colorado		1882	Town	South Arkansas R.
586	570	Salina	Kansas	3,111	1883	Company	Well.
743	352	Salinas City	California	1,854	1874	Company	Artesian wells.
	737	Salisbury	Massachusetts	4,079	See Amesbury Mass.		
102	160	Salt Lake City	Utah	20,768	1874	City	Mountain springs and melting snow.
961		San Angelo	Texas		in progress	Company	North Concho Riv.
105	510	San Antonio	Texas	20,550	1878	Company	Spring.
318	608	San Buenaven- tura	California	1,370	1872	Company	San Buenaven- tura River.
918	506	Sand Beach	Michigan	534	1882	Company	Lake Huron.
641	340	San Diego	California	2,637	1873	Company	San Diego Riv.
145	50	Sandusky	Ohio	15,838	1875	City	Sandusky Bay.
671	639	Sandwich	Illinois	2,352	1883	City	Ground water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
488			no returns			
564	Pump direct.	J. P. Flanders.	80,000	75,000		H. K. Ide, Sup.
858	Gravity . .		9,200	3,500	6	B. A. Ransom, Pres. W. E. Churchill, Sec.
62	Pump to res.	H. B. Worthington.	850,000	400,000	6	T. J. Chew, Jr. Sec. H. F. Juengst, Eng.
720	Pump direct.	Holly Man. Co.	13,000	5,000	6	Stiles Kennedy, Pres. Eugene King, Sup.
6	Pump to res.	Knapp, Ft. Pitt F'dy. Co., Hartford F'dy. & Mach. Co., G. B. Allen & Co.	13,000,000	5,250,000	6	T. J. Whitman, Com.
48	Gravity . .			660,000	8-5-4	John B. Overton, S.
310	Pump direct.	Holly Man. Co.	70,000	none		J. A. Bell, Man.
See Biddeford						
98	Pump direct & to tank.	Holly Man. Co.	350,000	none		W. Guttenger, S.
218	Pump direct.	Holly Man. Co.	175,000	150,000	8	D. C. Dixon, Sec.
652	Gravity . .					T. A. Hiller, Pres.
79	Pump to res.	H. B. Worthington.	1,413,161	664,000	5½	Benj. S. Grush, Sup.
823	Pump to res.		9,000	none		F. H. Fries, Pres. O. A. Fogle, Sup.
416	Pump direct.	Holly Man. Co.	77,650	75,000	5	C. S. Lawson, Chn. Chas W. Casper, Sup.
493	Pump to tank.	H. B. Worthington.				E. W. Silver, Owner.
651	Pump to res.	Smith.	120,000			W. F. Boothby, Pres. and Sup.
763	Pump to res.		12,817	10,500	8	Jas. P. Boon, Sup.
960	Gravity . .		20,000	31,000	8	D. A. Creamer, Sup
586	Pump direct.	Holly Man. Co.	82,000	60,000	6	J. E. Bonebrake, Pres. E. H. Gibbs, Sec. & Tr.
743	Pump to tank.	Knowles Steam P.W.		none		J. B. Iverson, Pres. J. P. Lauritzen, Sup.
See Amesbury, Mass.						
102	Gravity . .		300,000			G. M. Ottinger, Sup.
961	Pump to tanks.		25,000	none		J. S. Millsbaugh, Pres. C. T. Henderson, Sup.
105	Pump to res. and direct.	H. B. Worthington.	165,000	160,000		J. Frazier, Sec.
818	Gravity . .		45,500	none		E. P. Foster, S. & S,
918	Pump direct.	Holly Man. Co. M. Walker.	4,000	none		J. A. Paddock, Ch. E. J. Jenks & Co., Owners
641	Pump to res.	Hooker.	79,000	none		E. J. Buell, Sup.
145	Pump to stand- pipe.	H. B. Worthington.	395,357			F. S. Erney, Sup. Chas. Cross, Sec.
671	Pump to tank & pump direct.	H. B. Worthington.	13,000	13,000	6	W. L. Simmons, Mayor.

SAN-SIL.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Year of Construction of Works.	By whom owned	Source of Supply
833	677	Sanford	Florida	1,200	1883	Company	Island Lake.
9	9	San Francisco	California	233,959	1859	Company	Surface water.
180	542	San Jose	California	12,567	1865	Company	Surface water and Artesian wells.
684	769	San Luis Obispo	California	2,243	1874	Company	San Luis Creek
829	678	San Marcos	Texas	1,232	1883	Company	San Marcos R.
873		San Mateo	California	932		Company	
681	497	San Rafael	California	2,276	1871	Company	Springs and sur- face water.
555	341	Santa Barbara	California	3,460	1830 1873	Company	Surface water.
511	480	Santa Cruz	California	3,898	1876	Company	Branciforte and Majors Creeks.
339	522	Santa Fe	New Mexico	6,635	1881	Company	Santa Fe River
540	536	Santa Rosa	California	3,616	1873	Company	Surface water.
265	90	Saratoga Springs	New York	8,421	1871	City	Springs and sur- face water.
549	182	Sarnia	Ontario	3,500	1876	Town	St. Clair River
69	137	Savannah	Georgia	30,709	1854	City	Savannah Riv.
		Sayre	Pennsylvania	729			see Athens, Pa
162	234	Schenectady	New York	13,655	1871	Company	Ground water.
42	251	Scranton	Pennsylvania	45,850	1857	Company	Surface water.
751		Seaforth	Ontario	1,800		Town	
546		Seattle	Washington Ter.	3,533	1884	Company	Lake Washington.
235	187	Sedalia	Missouri	9,561	1871	City	Surface water.
711	356	Sewickley	Pennsylvania	2,053	1871	Borough	Springs.
275	770	Shamokin	Pennsylvania	8,184	1873	Company	Surface water.
784		Shelburne Falls	Massachusetts	1,621	1876	Fire Dep.	For fire protection.
819	771	Shelton	Connecticut	1,362	1881	Company	Curtis Brook.
226		Shenandoah	Pennsylvania	10,147		Company	
371	146	Sherbrooke	Quebec	6,000	1881	Company	Magog River.
869	689	Sherburne	New York	944	1883	Village	Surface water.
908		Sheridan	Michigan	661		Town	
521	221	Sidney	Ohio	3,823	1873	City	Surface water.
306		Silver City	Nevada	605		Supplied from Virginia City	

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
833	Pump to tanks.	H. R. Worthington.	23,000	none		W. Beardall, Sup.
9	Gravity . .					Chas. Elliot, Sup.
180	Gravity and pump to res.	Knowles Steam P. W.	400,000	none		W. J. Wilcox, Sup.
684	Gravity . .		75,000	none		J. P. Andrews, Pres.
829	Pump to res.	H. R. Worthington.	22,000	10,000	8	L. W. Mitchell, Treas
873			no returns			
681	Gravity . .		450,000	50,000	6	R. Walker, Sup. & Sec
555	Gravity . .		50,586	none		R. N. Canfield, Sec & S.
511	Gravity . .		180,000	50,000	8	W. H. Duke, Sup.
339	Gravity . .		175,000	110,000	6	Wm. Moran, Sup.
540	Gravity . .		108,500			Jas. B. Rue, Sec & Sup
265	Pump direct.	Holly Man. Co.	250,000	229,000	5-7	D. L. Holland, Eng & S.
549	Pump direct.	Holly Man. Co.	59,590	70,000	6	R. Turner, Eng & Sup
69	Pump to tanks.	H. R. Worthington.	5,000,000	3,847,600	5	A. N. Miller, Sup.
			see Athens, Pa.			
162	Pump direct.	Holly Man. Co. Deane Steam P. Co.	150,000			C. Stanford, Jr., Sec.
42	Gravity . .			none		C. E. Judson, Eng & S.
751	Pump . .		no returns			D. Hogan, Sup.
546	Pump to res.		250,000			H. H. McWilliams, En.
235	Pump direct.	Holly Man. Co. Geo. F. Blake Man. Co.	135,000	125,000	5	L. Kumm, Chn.
711	Gravity . .		75,000	60,000 15,000	8 6	J. Boobyer, Sec. John Patton, Jr., Sup.
275	Gravity and pump direct.		110,000	none		Holden Chester, Sup.
784	Pump.		no returns			G. R. Pierce.
819	Gravity . .		30,000	none		D. S. Brinsmade, Sec.
226	Gravity . .		no returns			S. D. Hess, Sup.
371	Pump to res.	Knowles Steam P. W.	150,000			A. O. Granger & Co., O. A. Sangeth, Sup.
869	Gravity . .					W. E. Davis, Sup.
908	Pump direct.	Holly Man. Co.				J. P. Soulee, Clk.
521	Pump direct.	Holly Man. Co.	54,000	54,000	6	

Supplied from Virginia City.

SIL-STO.

No. in Sta- tistics	No. in His- tory	Name of Town.	State or Province	Population 1880	Date of Construction of Works.	By whom owned	Source of Supply.
417	772	Silver Cliff	Colorado	5,040	1880	Town	Springs and sur- face water.
936		Silverton	Colorado	264		Company	
305		Sioux City	Iowa . . .	7,366	In progress	City	Missouri Riv.
697	773	Sioux Falls	Dakota . . .	2,164	1884	Company	Well.
782	209	Slatington	Pennsylvania	1,634	1861	Company	Springs.
86	323	Somerville	Massachusetts	24,933	1868	City	Mystic Works.
588	369	Somerville	New Jersey .	3,105	1882	Company	Raritan River.
298	519	Sorel . .	Quebec . . .	7,500	1872	City	Richelieu Riv.
602	774	South Abington	Massachusetts	3,024	1883	Town	Springs and sur- face water
168	124	South Bend	Indiana . . .	13,280	1873	City	St. Joseph Riv.
429	275	South Bethle- hem	Pennsylvania	4,925	1875	Company	Lehigh River.
348	459	Southbridge	Massachusetts	6,464	1881	Company	Springs and sur- face water.
798	775	South Evanston	Illinois . . .	1,517	1884	Village	Artesian well.
630	117	South Hadley Falls	Massachusetts	2,750	1872	Village	Buttery Brook.
396	776	Southington	Connecticut .	5,411	1884	Company	Surface water.
532	361	South Norwalk	Connecticut .	3,726	1875	City	Surface water.
807		South Pueblo	Colorado . .	1,443	1880	Company	Arkansas Riv.
301	466	Spencer .	Massachusetts	7,466	1882	Company	Shaw Pond.
109	414	Springfield	Illinois . . .	19,743	1866	City	Sangamon R.
60	43	Springfield	Massachusetts	33,340	1843 1873	City	Surface water.
345	777	Springfield	Missouri . . .	6,522	1883	Company	Surface water.
103	370	Springfield	Ohio	20,730	1883	City . .	Buck Creek.
846	778	Springvale	Maine	1,116	1876	Company	Pond.
650	490	Stamford .	Connecticut .	2,540	1871	Company	Trinity Lake.
780	734	Stamford .	New York . .	1,638	1883	Company	Head waters of Delaware River.
881	227	State Centre	Iowa	880	1879	City . .	Wells.
336	337	Staunton .	Virginia . . .	6,664	1875	City . .	Springs.
187	416	Steubenville	Ohio	12,093	1835	Town .	Ohio River.
245	109	Stillwater	Minnesota . .	9,055	1880	Company	Lake McKusick.
670	128	Stockbridge	Massachusetts	2,357	1862	Company	Springs and sur- face water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
417	Pump direct.	Holly Man. Co.	\$ 75,000	\$ 85,000	10	O. Carstarphen, Sup.
936	Gravity		no returns.			J. H. Mountain, Sup.
305	Pump to res.	Holly Man. Co.		30,000	6	E. H. Spaulding, Sec.
697	Pump	H. R. Worthington.	65,000	60,000	6	W.S.Kuhn, Sec.& Tr.
782	Gravity		10,000	3,500	6	O. A. Neff, Pres.
86	Gravity		342,609	335,000	5-6	N. Dennett, Sup.
588	Pump to tank.	H. R. Worthington.	50,000	none		J. H. Smith, Sup.
298	Pump direct.	H. R. Worthington.	72,000	none		M. C. Blais, Sup.
602	Pump to tank.	H. R. Worthington.	50,000	50,000	4	H. F. Whidden, Com.
168	Pump to stand- pipe.	Vergennes Mach. Co.	225,000	200,000	5	E. L. Abbott, Sup.
429	Pump direct.	Bethlehem Iron Co. A. S. Cameron.	32,378	13,000	7	H.S. Goodwin, Sec.& Tr. B. E. Lehman, Sup.
348	Gravity		20,000	8,000	4½	C. A. Dresser, Pres. H. J. Conant Tr.
798	Flowing well		43,840	17,000	5	Jno. Watson, Eng.
630	Gravity		50,000	40,000	7	B. C. Brainerd, Tr.
396	Gravity		85,000	25,000	5	T.H. McKenzie, Ch.E.
532	Gravity		100,000	100,000	6	W. B. Rider, Eng.
807	Pump	H. R. Worthington.				G. A. Shields, Sup.
301	Gravity		120,000	none		G.L. Goodhue, Gen. Man.
109	Pump to res.	H. R. Worthington.	450,000	450,000	8	L. R. Brown, Sec. Fred McCarthy, Sup.
60	Gravity		1,276,915	1,200,000	6-7	G. A. Ellis, Reg. J. C. Hancock, Sup.
345	Pump to res.	P. B. Perkins.	162,000	100,000	6	R.L. Mulhey, Sec.& Tr.
103	Pump to tank.	H. R. Worthington. Gordon & Maxwell Co.	400,000	400,000	5	Wm.R.Smith, Sec. & S.
846	Gravity					J. A. Dennett, Tr.
650	Gravity		149,783			Geo. E. Whitney, Sup. W. Ferguson, Sec.
780	Gravity		20,000	5,000	6	F. J. Rulifson, Sup.
881	Pump to tank.	U. S. Wind Engine & Pump Co.	10,000	6,000	7	Geo. W. Bassett, Sup.
336	Pump to res.	H. R. Worthington.	100,000	80,000	8	M. Dinnun, Sup.
187	Pump to res.	Jas. Means & Co.	37,000	12,000	5	R. J. Irwin, Sup.
245	Gravity and pump to tank.	Geo. F. Blake Man. Co.	200,000			H. H. Harrison, Sup.
670	Gravity		14,000	none		N.J. Dunham, Sec.& Tr

STO-TIF.

No. in Sta- tistics.	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
223	535	Stockton .	California .	10,282	1857	Company	Artesian wells.
219	652	Stoneham and Wakefield	Massachusetts	10,437	1883	Company	Crystal Lake
764		Stonington	Connecticut .	1,755		Company	
460	604	Stratford .	Ontario . .	4,313	1883	Company	River Avon.
411		Streator .	Illinois . .	5,157	1882	City . .	Artesian well.
741	295	Stroudsburg	Pennsylvania	1,860	1876	Company	Springs.
762		Summit Hill	Pennsylvania	1,763		Company	
487	779	Sunbury .	Pennsylvania	4,077	1884	Company	Surface water.
661		Suspension Bridge.	New York .	2,476	1875	Town .	Niagara River.
554	126	Susquehanna	Pennsylvania	3,467	1874	Company	Springs.
659	799	Swampscott	Massachusetts	2,500	1884	Town .	Supplied from Lynn.
962		Sweet Springs.	Missouri . .			Company	
598		Sycamore .	Illinois . .	3,028		Town .	Ground water.
35	82	Syracuse .	New York .	51,792	1829	Company	Spring and sur- face water.
854		Tacoma .	Washington Ter.	1,098	in progress	Company	Surface water.
382		Tamaqua .	Pennsylvania	5,730	1850	Borough	Springs.
601	297	Tarrytown	New York .	3,025	1877	Village .	Surface water.
99	53	Taunton .	Massachusetts	21,213	1876	City . .	Ground water.
904		Taylor . .	Texas . .	700	no returns		
703		Tecumseh	Michigan .	2,111		Town .	
963		Temple .	Texas . .		1884	Company	Wells.
84	52	Terre Haute	Indiana . .	26,042	1873	Company	Wabash River.
717	793	Terrell .	Texas . .	2,003	1884	Company	Well.
964	691	Tewksbury Almshouse.	Massachusetts		1879	State .	Surface water.
685	265	The Dalles	Oregon . .	2,232	1862	Company	Surface water.
575	433	Thomaston	Connecticut .	3,225	1880	Company	Surface water.
653		Three Rivers.	Michigan .	2,525	1882	City . .	
242	230	Three Rivers.	Quebec . .	9,200	1875	City . .	St. Lawrence R.
828	780	Tidioute. .	Pennsylvania	1,255	1871	Company	Springs.
283	427	Tiffin . .	Ohio . . .	7,879	1879	Company	Sandusky Riv.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
			Capital Stock			
223	Pump to stand- pipe.	Blake, Cameron, Hooker.	100,000	none		Byron Gallup, Sup.
219	Pump to tank & pump direct.	Knowles Steam P. W.				B. B. Burbank, Sup.
764	Gravity . . .			no returns		J. B. Gardiner, Sup.
460	Pump direct.	H. R. Worthington.	37,500			D. T. Bally, Sec. Thos. Clark, Man.
411	Flowing well.		For fire protection.			S. E. Evans, Sup.
741	Gravity . . .		16,000	none		P. S. Williams, Sec. Fred. Phillips, Sup.
762	Pump . . .			no returns		Saml. Rickert, Pres.
487	Pump to res.	H. B. Worthington.	100,000	77,000	6	S. E. Slaymaker, Sec.
661	Pump direct.	Holly Man. Co.	70,500	no returns		
554	Gravity . . .		6,000	none		C. A. Miller, Sec. & Tr.
659			14,550	15,000	4	A. R. Bunting.
962	Pump . . .			no returns		D. W. Marmaduke, P.
598	Pump . . .	Geo. F. Blake Man. Co.	For fire purposes			S. O. Pike, Sup.
35	Gravity and pump to res.	H. R. Worthington. Deane Steam P. Co.	700,000	210,000	7-6	E. N. Brown, S. & S.
854	Gravity, pump to res. and pump direct.	Holly Man. Co.				Isaac W. Smith, Eng.
382	Gravity and pump to res.	Schoener & Allen.		no returns		
601	Pump to res.	Woodward.	16,500			
99	Pump direct.	Holly Man Co.	422,000	380,000	6-4	W. R. Billings, S. & C.
904				no returns		
703	Pump . . .			no returns		
963	Pump . . .	H. R. Worthington.	20,000	15,000	10	A. Lewy, Sec.
84	Pump direct.	Clapp & Jones Man. Co.	330,000	100,000	8	J. G. Briggs, Sup.
717	Pump to tank.	H. R. Worthington.	35,000	35,000	7	M. T. Brown, Owner.
964	Pump to res.	H. R. Worthington.				C. Irving Fisher, Sup.
685	Gravity . . .		37,000			J. H. Phirman, Sup.
575	Gravity . . .		40,000	10,000	6	Nelson Bonnett, Dir.
653	Pump direct.	M. Walker.		no returns		
242	Pump direct.		125,000	125,000	7	O. Z. Hamel, Sup.
828	Gravity . . .		40,000	3,000	6-5	S. Tipton, Sup.
283	Pump direct.	Holly Man. Co.	175,000			M. Scannell, P. & Man.

TIL-UXB.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
801		Tilsonburg	Ontario . .	1,500		Town . .	
920	115	Tioga . .	Pennsylvania	520	1874	Company	Surface water.
247	236	Titusville . .	Pennsylvania	9,046	1873	City . .	Wells.
38	49	Toledo . .	Ohio . . .	50,137	1874	City . .	Maumee River.
868	371	Tombstone	Arizona . .	973	1882	Company	Surface water.
150	464	Topeka . .	Kansas . .	15,452	1882	Company	Kansas River.
24	31	Toronto . .	Ontario . .	86,445	1841 1873	City . .	Lake Ontario.
566	255	Torrington	Connecticut .	3,327	1878	Company	Surface water.
523		Towanda . .	Pennsylvania	3,814		Company	
734	494	Traverse City.	Michigan . .	1,897	1882	Company	Grand Traverse Bay.
756		Tremont . .	Pennsylvania	1,785		Company	
71	373	Trenton . .	New Jersey .	29,910	1803 1852	City . .	Delaware Riv.
687	266	Trinidad . .	Colorado . .	2,226	1879	Company	Ground water.
32	33	Troy . . .	New York . .	56,747	1833 1880	City . .	Surface water and Hudson River.
497	338	Truro . . .	Nova Scotia .	4,000	1875	City . .	Surface water.
319		Tucson . .	Arizona . .	7,007		Company	
847	334	Tunkhannock	Pennsylvania	1,116	1870	Company	Springs.
432	648	Turner's Falls	Massachusetts	4,875	1873	Company	Springs and Connecticut River.
665	679	Tyler . . .	Texas . . .	2,423	1883	Company	Springs.
638	534	Tyrone . .	Pennsylvania	2,678	1870	Company	Surface water.
875	614	Unadilla . .	New York . .	922	1880	Company	Springs.
660		Union City	Indiana . .	2,478	1873	City . .	Ground water.
695		Union City	Pennsylvania	2,171		no returns	
376	741	Union Town	New Jersey .	5,849	1883	Company	Hackensack R.
572	680	Uniontown	Pennsylvania	3,265	1883	Company	Springs.
914	178	University of Virginia . .		600	1858 1868	University	Surface & spring water.
352	189	Urbana . .	Ohio . . .	6,252	1878	Company	Well.
57	120	Utica . . .	New York . .	33,914	1849	Company	Surface water.
587	781	Uxbridge . .	Massachusetts	3,111	1880	Town . .	Springs.
802	782	Uxbridge . .	Ontario . .	1,500	1874	Town . .	Surface water.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
801	Gravity . .		no returns			H. C McFarlane, Sup.
920	Gravity & pump	La France Man. Co.	21,000			C.H. & F. A. Wickham, Owners.
247	Pump direct.	Holly Man. Co.	143,265	136,265	8-7-6-5	S. C. Roof, Sec. G. W. Angier, Sup.
38	Pump to stand- pipe.	H. R. Worthington.	959,009			Carl Schon, Sup. C. S. Brown, Sec.
868	Gravity . .	H. R. Worthington.	500,000			
150	Pump direct.	Holly Man. Co.	200,000	120,000	6	R. Wood, Sup. H. Armstrong, Sec.
24	Pump to res.	H. R. Worthington.	2,000,000	2,000,000	6	C. Sproat, Eng. & Man B. B. Morris, Sec.
566	Gravity . .		40,000	none		O. N. Tyler, Sup. C. S. McNeil, Sec. & Tr
523	Gravity & pump	Deane Steam P. Co. Holly Man. Co.				E. T. Fox, Act. Sec.
734	Pump direct.	M. Walker.	20,000			H. D. Campbell, Own
756	Gravity . .		no returns			I. P. Bechtel.
71	Pump to res.	William Wright.	349,371	265,000	5-6	J. B. Quigley, Sup.
687	Pump to res.	Cope & Maxwell Co.	100,000	50,000	7	D. A. Chappel, Own. W. B. Cunningham, S.
32	Gravity and pump to res.	Holly Man. Co. Vergennes Mach. Co.	1,085,960	382,500	5-3 ¹	D. M. Greene, Ch. Eng
497	Gravity and pump direct.		40,000	37,000	6	A. L. Archibald, Eng.
319	Gravity . .		no returns			R. N. Leatherwood, S.
847	Gravity . .		15,000	none		H. Sickler, Sec. & Man
432	Gravity and pump to res.					W. P. Crocker, Sup.
665	Pump to tank & pump direct.	H. R. Worthington.	34,500	34,000	7	M. L. Brown, Owner Thos. Brown, Sup.
638	Gravity . .		15,000	none		C. H. Dittenbaugh,
875	Gravity . .		4,500	none		Sam. North, Owner.
660	Pump . .	Dean Brs.	38,028			
695			no returns			
376	Pump to tank.	H. R. Worthington.				C. B. Brush, Ch. Eng.
572	Gravity . .		Capital Stock. 50,000			C. H. Seaton, Sup.
914	Gravity and pump to tank.	H. R. Worthington.	28,132			G. Peyton, Sup.
352	Pump direct.	Holly Man. Co.	75,000	65,000	6	J. H. Ayers, Sup.
57	Gravity . .					C. W. Pratt, Sup. B. F. Ray, Sec.
587	Gravity . .		20,000	10,000	5	A. W. Bennett, Sup.
802	Pump direct.	Holly Man. Co.	10,000			W. McGuire, Eng.

VAL-WEB.

No. in No. in Sta- His- tistics tory	Name of Town	State or Province.	Population 1880	Date of Construction of Works	By whom owned	Source of Supply.
372	217	Vallejo . California .	5,987	1870	Company	Surface water.
		Valley Falls Rhode Island	1,861		Supplied from	Pawtucket.
769	264	Vancouver. Washington Ter.	1,722	1868	Company	Springs.
757	557	Vergennes Vermont .	1,782	1869	City	. Surface water.
498	784	Victoria . Texas . .	4,000	1884	City	. Guadalupe Riv.
212	306	Virginia City Nevada . .	10,917	1872	Company	Surface water.
307	363	Waco . . Texas . .	7,295	1878	Company	Wells and surface water.
832	783	Wadsworth Ohio . . .	1,219	1882	Company	Springs.
928		Wahpeton Dakota . .	400	in progress	Company	Otter Tail Cr.
	652	Wakefield Massachusetts	5,547		See	Stoneham Mass.
542	430	Walla Walla Washington Ter.	3,588	1865	Company	Springs.
605	470	Wallingford Connecticut .	3,017	1882	Borough	Lake Pisapaug.
192	161	Waltham . Massachusetts	11,712	1873	Town	. Surface water..
814	421	Walton . New York. .	1,389	1879	Company	Surface water..
512		Warren . Massachusetts	3,889		Company	
621	483	Warren . Pennsylvania	2,810	1882	Company	Allegheny Riv..
496		Warren . Rhode Island	4,007	1882	Company	Supplied from Bristol.
731	188	Warsaw . New York .	1,910	1870	Company	Springs.
861	335	Warwick . New York .	1,043	1872	City	. Surface water.
12	13	Washington & Georgetown Dist. Columbia	159,871	1853	City	. Potomac Riv.
700	586	Washington New Jersey .	2,142	1882	Company	Brasscastle Cr.
126	67	Waterbury Connecticut .	17,806	1868	City	. Surface water.
748		Waterford New York .	1,822	no returns	Canal.	
213	282	Watertown New York .	10,697	1853	City	. Black River.
753	502	Watsonville California .	1,799	1870	Two companies	Corralitos Cr.
495	180	Waukegan Illinois . .	4,012	1874	City	. Artesian well.
625	206	Waverly . New York .	2,767	1880	Company	Surface water.
718	198	Wayne . Pennsylvania	2,000	1871	Company	Ithan Creek.
736		Waynesboro Pennsylvania	1,888	no returns		
387		Webster . Massachusetts	5,696		Company	Lake.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works	Bonded Debt.	Rate of Interest	Officers of Works.
372	Gravity and pump to res.	Hooker.	250,000	none		A. J. McPike, Sup.
Supplied from Pawtucket.						
769	Gravity . .		75,000	none		J. B. Wintler, Sup.
757	Pump direct.	Holly Man. Co.	80,000	58,000		
498	Pump to tank.	H. R. Worthington. Geo. F. Blake Man. Co.	41,200	41,200	6	
212	Gravity . .		2,170,000			J. B. Overton, Sup.
307	Pump to tank.	Knowles Steam P. W.	80,000	50,000	10-7	J. E. Egan, Sec. & Sup.
832	Gravity . .		6,000			R. F. Weaver, Owner. A. L. Corman, Sec.
928	Pump direct.	H. R. Worthington.	100,000			
See Stoneham, Mass.						
542	Gravity . .		100,000	55,000		J. C. Isaacs, Sec. J. F. Bowman Sup.
605	Gravity . .		100,000	75,000		Wm. M. Hull, Jr. Sec.
192	Pump to res.	H. R. Worthington.	347,582	340,000	6 $\frac{1}{2}$ -4	Chas. F. Parks, Sup.
814	Gravity . .		17,500	none		V. C. Wood, Sec. J. S. Ellis, Sup.
512	Gravity . .		no returns			Silas Hobbs.
621	Pump to res.	Knowles Steam P. W.	60,000	8,000	6	Wm. Meredith, Sec.
496	Pump to tank.	Knowles Steam P. W.				See Bristol
731	Gravity . .		30,000	5,000	6	B. F. Fargo, Sec. & Tr.
861	Gravity . .		30,000	11,000	5 $\frac{1}{2}$	B. F. Vail, Water Com.
12	Gravity . .		5,500,000	375,000	7	Maj. G. J. Lydecker, Engr. in Charge.
700	Gravity . .		32,000			Daniel Vilet, Sec.
126	Gravity and pump.	H. R. Worthington.	381,735	265,000	4 $\frac{1}{2}$ -7	N. J. Welton, Pres. Welton & Bonnett, E.
748			no returns			For fire protection.
213	Pump to res.	H. R. Worthington.	200,000	200,000	4-7	A. Salisbury, Sup.
753	Gravity . .		51,885	none		A. White, Sup.
495	Flowing well.		3,500	none		J. F. Powell, Man.
625	Gravity . .		52,000	30,000	6	J. T. Sawyer, P. & T.
718	Pump to res.	H. R. Worthington.	20,000	none		G. W. Childs, Owner. Benj. F. Slaw, Man.
736			no returns			
387	Gravity . . .		no returns			

WEB-WIL.

No. in Sta- istics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
745	785	Webster City	Iowa . . .	1,848	1883	City . .	Well.
851		Weekawken	New Jersey .	1,102			Supplied from Hackensack.
965		Wellesley	Massachusetts		in progress	Town .	
634	786	Wellington	Kansas . . .	2,694	1884	Company	Slate Creek.
713	787	Wellsville	New Ycrk . .	2,049	1883	Company	Springs
561	410	Wellsville	Ohio . . .	3,377	1881	City . .	Ohio River.
350	788	West Bay City	Michigan . .	6,397	1883	City . .	Saginaw River.
409	344	Westborough	Massachusetts	5,214	1878	Town .	Surface water.
729		West Brookfield	Massachusetts	1,917		Three companies	Springs
317	353	West Chester	Pennsylvania	7,046	1854	Borough	Well and surface water.
811	789	Westchester R. C. Protectory	New York . .	1,408	1880	Protectory	Artesian wells.
758		West Cleveland	Ohio . . .	1,781			Supplied from Cleveland.
752		West Farnham	Quebec . . .	1,800	in progress	Company	Yamaska Riv.
293	260	Westfield	Massachusetts	7,587	1874	Town .	Surface water.
721	790	West Haven	Connecticut .	1,975	1884	Company	Four Lakes.
393	741	West Hoboken	New Jersey .	5,441	1883	Company	Hackensack Riv.
655	635	Westminster	Maryland . .	2,507	1883	Company	Springs.
		West Pittston	Pennsylvania	2,544			Supplied from Pittston.
844	577	West Point	New York . .	1,131	1879	U.S. Govern- ment.	Surface water.
482	398	West Spring- field	Massachusetts	4,149	1875	Company	Surface water.
175	241	West Troy and Green Island	New York . .	12,980	1876	Company	Mohawk Riv.
216		Weymouth	Massachusetts	10,570	in progress	Town .	Weymouth Great Pond.
68	415	Wheeling	West Virginia	30,737	1834	City . .	Ohio River.
464	791	Whitehall	New York . .	4,270	1852 1884	Village .	Springs.
817	598	Whitesboro	New York . .	1,371	1827	Company	Springs.
430	555	Wichita	Kansas . . .	4,911	1882	Company	Little Arkansas R.
87	147	Wilkesbarre	Pennsylvania	33,339	1859	Company	Surface water.
117	47	Williamsport	Pennsylvania	18,934	1853 1867	Two companies	Surface water.
866	792	Williamstown	Massachusetts	984	1859	Company	Spring.
341		Willimantic	Connecticut .	6,608	in progress	Borough	Natchaug Riv.
876	794	Wilmington	California . .	911	1882	Company	Artesian wells.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
745	Pump to tank & pump direct.	U.S. Wind Eng. & P. Co. Knowles Steam P. W.	13,000	13,000	6	Lewis Crary, Mayor. F. S. Currie, Clerk of Com.
851	Supplied from Hackensack					
965	Pump . . .		no returns			W. Hunnewell, } A. R. Clapp. } Com. Wm. Ware, }
634	Pump to tank & pump direct.		110,000	100,000	6	G. F. Hargis, Pres. J. C. Redfield, Sec.
713	Gravity . .		40,000	30,000	6	Jno. McIntyre, Sup.
561	Pump to res.	H. R. Worthington.	60,000	60,000	6	D. D. Davidson, Sec.
350	Pump direct.	Holly Man. Co.	75,000	20,000	5	T. F. Shepard, Pres. E. S. Van Liew, Sec. & Tr.
409	Gravity . .		80,000	80,000	4-5	Reuben Boynton, Com.
729	Gravity . .		no returns			
317	Pump to res.	H. R. Worthington.	55,000	75,000	4	Chas. F. Henry, Sup.
811	Pump to tanks.	Knowles Steam P. W.				Bro. Candidus, Rector
758	Supplied from Cleveland					
752	Pump . . .					J. B. A. Belique, Own.
293	Gravity . .		250,000	250,000	6	W. S. Bush, Sup.
721	Supplied from New Haven		15,000			D. G. Phipps, Pres.
393	Pump to tank.	H. R. Worthington.				C. B. Brush, Ch. Eng. and Sup.
655	Pump to res.	H. R. Worthington.	25,000	20,000	6	W. W. Taylor, Gen. Man.
Supplied from Pittston						
844	Gravity . . .					Capt. W. S. Stanton. Eng. in Charge.
482	Gravity . . .		75,000	none		Goodhue and Birnie, Com.
175	Pump to res.	Vergennes Mach. Co.	250,000	150,000	7	Geo. R. Meneely, Pres.
				20,000	6	Geo. M. Wiswall, Sec. & Sup.
216	Gravity and pump to tank.			300,000		M. M. Tidd, Eng.
68	Pump to res.	Sweeney & Son. H. R. Worthington. Gordon & Maxwell Co.		none		J. H. Riddle, Sup. Alex. Updegraff, Sec.
464	Gravity, pump to res. & pump direct.	Davidson Steam P. Co	88,000	79,000	4	W. G. C. Wood, Sec.
817	Gravity . .		3,500			L. L. Wight, Owner.
430	Pump to stand- pipe.	Smith, Valle & Co.	75,000	60,000		F. Williams, Sec.
87	Gravity and pump	H. R. Worthington.	250,000	none		I. S. Osterhout, S. & Tr. John Farrell, Sup.
117	Gravity . .		200,000	80,500	6	J. H. McMinn, Sup. of Citizens Company. James V. Brown, Tr. of Lycoming Company.
866	Gravity . .		12,000	none		E. A. Talmadge, Pres.
341	Pump to res.		in progress			H. N. Wales, Sec.
876	Pump to res.	Geo. F. Blake, Man. Co.				A. Young, Sup.

WIL-ZAN.

No. in Sta- tistics	No. in His- tory.	Name of Town.	State or Province.	Population 1880.	Date of Construction of Works.	By whom owned.	Source of Supply.
45	88	Wilmington	Delaware	42,478	1804	City	Brandywine R.
128	346	Wilmington	N. Carolina	17,350	1882	Company	Cape Fear Riv.
524	354	Winchester	Massachusetts	3,802	1873	Town	Surface water.
428	495	Winchester	Virginia	4,958		City	Springs.
603	663	Windsor	Nova Scotia	3,019	1883	Town	Surface water.
466	795	Windsor	Ontario	4,253	1873	City	Detroit River.
694		Windsor	Vermont	2,175		Company	
617	796	Winfield	Kansas	2,844	1883	Company	Walnut River.
728	218	Wingham	Ontario	1,918	1880	Town	Matland River.
896	367	Winnemucca	Nevada	763	1877	Company	Surface water.
281	596	Winnipeg	Manitoba	8,005	1882	Company	River Assiniboin.
224	328	Winona	Minnesota	10,208	1876	City	Ground water.
968		Winooski	Vermont	2,833	1873	Company	Surface water.
463	165	Winsted	Connecticut	4,279	1861	Borough	Surface water.
615	797	Winston	N. Carolina	2,854	1882	Company	Ground water and springs.
699		Winthrop	Maine	2,146	in progress		
210	299	Woburn	Massachusetts	10,931	1873	Town	Ground water.
683		Woodland	California	2,257		Two companies	
719	798	Woodstock	New Brunswick.	2,000	1883	Town	St. John River.
397	624	Woodstock	Ontario	5,373	1880	Company	Cedar Creek.
142		Woonsocket	Rhode Island	16,050	in progress		
378	332	Wooster	Ohio	5,840	1869 1876	City	Springs and sur- face water.
31	32	Worcester	Massachusetts	58,291	1798 1845	City	Surface water.
360		Wyandotte	Kansas	6,149		Company	
558	681	Yankton	Dakota	3,431	1884	City	Artesian well.
321	625	Yarmouth	Nova Scotia	7,000	1881	Company	Lake George.
118	81	Yonkers	New York	18,892	1876	City	Surface water.
159	243	York	Pennsylvania	13,940	1816	Company	Springs and sur- face water.
151	439	Youngstown	Ohio	15,435	1872	City	Manoning Riv.
860	252	Yreka	California	1,059	1862	Company	Springs.
122	144	Zanesville	Ohio	18,133	1842	City	Muskingum R.

No.	Mode of Supply.	Builders of Pumping Machinery.	Cost of Works.	Bonded Debt.	Rate of Interest.	Officers of Works.
45	Pump to res.	H. R. Worthington.				H. B. McIntire, Ch. E.
128	Pump to tank.	H. R. Worthington.	137,000	80,000	7	J. C. Chase, Sup.
524	Gravity	.	165,000	150,000	6-7	W. T. Dotton, Sup.
428	Gravity	.				J. H. Nulton, Sup.
603	Gravity	.	50,000	50,000	5	G. P. Smith, Sup. F. W. Dimock, Clk.
466	Pump direct.	Holly Man. Co. Deane Steam P. Co.	139,200	139,200	6	Chas. Reid, Sec. Jos. Hall, Ch. Eng.
694	Gravity	.	no returns			H. Harlow, Sup.
617	Pump to res.	H. R. Worthington.	70,000	50,000	6	D. L. Kretsinger, Sup.
728	Pump direct.	.	8,000	8,000	6	W. W. Inglis, Chn.
896	Gravity	.	20,000	none		J. B. Gramm, Sup.
281	Pump direct.	R. Laidlaw & Son.	130,000	60,000	6	W. O. Smith, Man.
224	Pump to stand- pipe.	H. R. Worthington.	160,000	40,000	7	A. W. Gage, Chn.
968	Gravity	.	35,000			Geo. D. Nash, Eng.!
463	Gravity	.	108,883	25,000	6-5	H. H. Drake, Chn.
615	Pump to res.	H. R. Worthington.	42,500	24,000	8	T. J. Wilson, Pres. Geo. W. Hinshaw, Sup.
699			in progress			
210	Pump to res.	H. R. Worthington.	527,466	387,293	6-4	G. A. Bean, Reg. A. Pettingell, Sup.
683	Pump	.	no returns.			Porter & Lowe. Stephens & Langenour
719	Pump direct.	Burrell, Johnson, Iron Co.	55,000	55,000	6	Donald Munro, Sup.
397	Pump direct.	H. R. Worthington.	25,000			Jas. Hing, Jr.
142	Pump to tank.	H. R. Worthington.				H. G. R. Tarr, Owner.
378	Gravity	.	86,000	40,000	7	A. G. Coover, Trus. Wm. Nold, Trus. H. H. Miller, Trus. F. E. Hall, Com. J. S. Brown, Reg. C. A. Allen, Eng.
31	Gravity	.				
360	Pump to tank.	Geo. F. Blake Man. Co.	no returns			
558	Gravity	.	20,000	18,000	7	Ed. Palmer, Sup.
321	Gravity	.				H. D. Cann, Pres. Geo. Bingay, Sec.
118	Pump direct & pump to res.	H. R. Worthington, Wm. Wright.	755,713	730,000	7	W. W. Wilson, E. & S.
159	Pump to res.	Birkinbine, Baughner, Frey & Kurtz. H. R. Worthington. Deane Steam P. Co.	Capital Stock. 100,000	none		J. L. Kuehn, Sup. S. Small, Pres.
151	Pump direct.	Holly Man. Co.	175,000	155,000	5-8	Geo. Rudge, Sec. W. S. Hamilton, Sup.
860	Gravity	.	12,000			H. Scheld, Owner.
122	Pump to res.	H. R. Worthington. Knowles Steam P. W.	517,473	300,000	7	W. O. Munson, Sec. Elias Ebert, Sup.

Statistics of Water Works, arranged according to Population of Towns.

NOTE.---In the column headed "Mode of Supply,"

G. denotes Gravity.

P. R. " Pump to Reservoir.

P. S. " Pump to Stand-pipe.

P. T. " Pump to Tank.

P. D. " Pump directly into mains.

In the column headed "Ownership:"

Pub. denotes that the works are owned by the city or town.

Co. denotes that the works are owned by a private individual
or company.

No.	Nam of Town.	Poulation 1880.	Mode of Supply.	Year of returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
1	New York, N. Y.	1,206,299	G	Nov. 1884	303,579	1,869,519	105,000,000
	“ High Ser.		P. S.	Dec. 1883			12,124,729
2	Philadelphia, Pa.	847,170	P. R.	July, 1884	600,000	1,800,000	69,000,000
3	Brooklyn, N. Y.	566,663	P. R.	Dec. 1883	403,747	1,224,563	36,131,408
4	Chicago, Ill. . .	503,185	P. S.	Dec. 1883	371,860	1,142,869	73,265,592
5	Boston, } Cohituate	362,839	G	Sep. 1884	300,851	1,167,704	32,836,900
	Mass. } Mystic.		P. R.		116,573	259,791	7,093,500
6	St. Louis, Mo. .	350,518	P. R.	July, 1884	300,000	750,000	30,000,000
7	Baltimore, Md. .	332,313	P. R.	Dec. 1883	98,917	611,112	28,071,312
8	Cincinnati, Ohio	255,139	P. R.	Dec. 1883	207,311	534,281	19,401,200
9	San Francisco, Cal	233,959	G	Sep. 1884		1,200,000	17,000,000
10	New Orleans, La.	216,090	P. D. P. R.	July, 1884	40,000	130,000	8,500,000
11	Cleveland, Ohio.	160,146	P. R.	Dec. 1883	73,211	274,614	14,212,144
12	Washington & Georgetown } D. C.	159,871	G	Sep. 1884	50,000	130,000	26,500,000
13	Pittsburgh, Pa. .	156,389	P. R.	July, 1884	140,000	400,000	20,180,000
14	Buffalo, N. Y. .	155,134	P. R. P. D.	Dec. 1883	87,194	323,454	23,475,192
15	Montreal, Que. .	140,747	P. R.	Dec. 1883	69,599	427,783	12,464,400
16	Newark, N. J. .	136,508	P. R.	Nov. 1883	98,380	236,072	9,672,578
17	Louisville, Ky. .	123,758	P. R. P. S.	Dec. 1882	53,186	227,052	8,202,206
18	Jersey City, N. J.	120,722	P. R.	Oct. 1884	450,000	480,000	16,500,000
19	Detroit, Mich. .	116,340	P. R.	Dec. 1883	54,451	280,049	20,217,334
20	Milwaukee, Wis.	115,587	P. R. P. S.	July, 1884	93,000	185,000	14,800,000
21	Providence, R. I.	104,857	P. R. P. D.	Dec. 1883	61,983	247,543	4,143,798
22	Albany, N. Y. .	90,758	G P. R.	Dec. 1883	30,586	156,665	unknown
23	Rochester, N. Y.	89,366	G P. D.	July, 1884	30,000	140,000	6,077,300
24	Toronto, Ont. .	86,445	P. R.	Sep. 1884	100,000	210,000	10,000,000
25	Allegheny, Pa. .	78,682	P. R.	Dec. 1883	75,000	170,718	12,000,000
26	Indianapolis, Ind.	75,056	P. D.	July, 1884	66,000	53,565	3,500,000
27	Richmond, Va. .	63,600	P. R.	Sep. 1884	50,000	85,000	8,000,000
28	New Haven, Conn.	62,882	G P. R.	July, 1884			6,500,000

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Con- sumption per Tap.	No. of Meters	No. of Fire Hy- drants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains. Services.
1	Pub.	547	48-4	92,700	1,133	11,200	7,200	0	Cast iron Lead, tin lined lead & gal. iron
2	Pub.	785	48-3	163,000	423	579	5,752	0	Cast iron Lead
3	Pub.	366.4	48-4	64,460	560	1,566	3,105	0	Cast iron Lead & gal. iron
4	Pub.	518.6		85,496	857	2,503	4,144	0	Cast iron Lead
5	Pub.	378	48-4	49,290	666	2,919	4,446	20	Cast iron Lead
		147.2		14,453	491	501	770	20	Sheet iron and cement & cast iron Lead
6	Pub.	238	36-3	25,500	1,177	1,700	2,200	0	Cast iron Lead
7	Pub.	304.3	30-1½	57,238	490	763	916	5,000 for all	Cast iron
8	Pub.	209.3	50-3	25,870	750	1,402	911	0	Cast iron Lead
9	Co.	203	22-3	24,000	708	6,250	1,418	30	Wrought & Lead & gal. iron cast iron
10	Co.	70		4,850	1,753	0	1,135	Ex. from Taxes.	Cast iron Lead
11	Pub.	175.9	36-3	14,841	958	913	1,571	39,650 for all	Cast iron Lead & gal. iron
12	Pub.	165	36-4	22,000	1,205	0	848	0	Cast iron Gal. iron
13	Pub.	134.4		11,000	1,834	4	900	0	Cast iron Lead
14	Pub.	150.1	36-3	14,127	1,662	105	1,407	100,000 for all	Cast iron Lead and iron
15	Pub.	137.4	30-1½	26,975	462	413	933	0	Cast iron Lead and iron
16	Pub.	143.7	30-3	13,592	712		1,232	0	Cast iron Lead
17	Co. & Pub.	120	48-2	8,730	940	366	430	0	Cast iron Lead & gal. iron
18	Pub.	139.9	36-3	11,510	1,434	185	1,436	0	Cast iron Lead
19	Pub.	241.5	42-2½	25,256	800	40	1,103	74,983 for all	Cast iron and wood Lead
20	Pub.	106	30-3	10,010	1,476	350	856	20	Cast iron Lead
21	Pub.	178	36-6	10,921	379	5,721	1,203	30	Cast iron Lead and tin- lined lead
22	Pub.	80	36-3	11,882		37	508	0	Cast iron Lead
23	Pub.	154	24-¾	13,700	444	807	1,260	70,000 for all	Cast iron Lead
24	Pub.	139	12-3	18,007	555	130	1,250	30	Cast iron & Lead sheet iron and cement
25	Pub.	70		12,937	927		700	0	Cast iron Lead
26	Co.	56	24-4	1,554	2,252	128	550	50	Cast iron Iron
27	Pub.	60	30-1½	6,500	1,231	40	400	0	Cast iron Iron & Lead
28	Co.	109	16-3	no record		16	650	16,000 for all	Sheet iron and cement & cast iron Gal. Iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption. Gallons.
29	Quebec, Que.	62,446	G.	July, 1884	10,000	100,000	2,500,000
30	Lowell, Mass.	59,475	P. R.	Dec. 1883	29,660	141,317	2,850,138
31	Worcester, Mass.	58,291	G.	Nov. 1883	21,594	100,636	unknown
32	Troy, N. Y.	56,747	G. P. R.	Mar. 1884	46,833	70,548	3,795,613
33	Kansas City, Mo.	55,785	P. D.	Sept. 1884	32,750	191,561	4,500,000
34	Cambridge, Mass.	52,669	P. S. P. R.	Nov. 1883	49,792	179,362	2,700,000
35	Syracuse, N. Y.	51,792	G. P. R.	Sept. 1884	20,000	74,000	4,250,000
36	Columbus, Ohio.	51,647	P. D.	Mar. 1884	25,270	68,447	3,630,000
37	Paterson, N. J.	51,031	P. R.	Sept. 1884			7,000,000
38	Toledo, Ohio	50,137	P. R.	Dec. 1883	20,335	41,363	3,766,313
39	Charleston, S. C.	49,984	P. T.	July 1884			500,000
40	Fall River, Mass.	48,961	P. R.	Dec. 1883	38,282	119,561	1,640,481
41	Minneapolis, Minn.	46,887	P. D.	Mar. 1884	51,177	69,062	7,360,964
42	Scranton, Pa.	45,850	G.	Dec. 1881			5,000,000
43	Nashville, Tenn.	43,350	P. R.	July, 1884	48,000	75,000	6,000,000
44	Reading, Pa.	43,278	G.	Dec. 1882	39,673	78,587	3,000,000
45	Wilmington, Del.	42,478	P. R.	Dec. 1883	27,205	74,416	4,625,042
46	Hartford, Conn.	42,015	G. P. R.	Mar. 1884	29,988	138,903	
47	Camden, N. J.	41,659	P. R.	Dec. 1883	20,709	67,607	3,087,419
48	St. Paul, Minn.	41,473	G.	Dec. 1883	8,695	76,872	
49	Lawrence, Mass.	39,151	P. R.	Dec. 1883	15,604	71,711	2,162,919
50	Dayton, Ohio	38,678	P. D.	Dec. 1883	17,550	24,404	1,182,589
51	Lynn, Mass.	38,274	P. R.	Dec. 1883	21,456	98,936	1,557,974
52	Atlanta, Ga.	37,409	P. D.	July, 1884	21,400	40,000	2,400,000
53	Halifax, N. S.	36,102	G.	July, 1884	10,000	65,000	6,000,000
54	Hamilton, Ont.	35,961	P. R.	July, 1884	25,000	113,000	3,750,000
55	Denver, Colo.	35,629	P. D.	July. 1884			3,000,000
56	Oakland, Cal.	34,555	G.	Dec. 1881		202,933	unknown
57	Utica, N. Y.	33,914	G.	Dec. 1882	6,000		2,000,000
58	Portland, Me.	33,810	G.	Dec. 1883	15,000		4,000,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains.	Service.
29	Pub.	27.5	14-4	5,000	500	0	250	0	Cast iron	Lead
30	Pub.	73.8	24-4	6,383	446	1,246	744	0	Cast iron	Iron
31	Pub.	90.9	24-2	6,567		5,197	718	0	Cast iron & sheet iron and cement	Cement-lined iron.
32	Pub.	43.7	20-1 $\frac{1}{2}$	5,000	759	25	501	0	Cast iron	Lead
33	Co.	53	20-6	3,200	1,406	300	495	21,160 for all	Cast iron	Lead and iron
34	Pub.	86	48-3	8,004	337	175	599	10	Cast iron & sheet iron and cement	Gal. iron
35	Co.	40	30-12	2,000	2,125	220	368	26,000 for all	Cast iron & sheet iron and cement	Lead
36	Pub.	57.8	20-4	2,784	1,304	557	448	0	Wrought & Cast iron	Iron
37	Co.	50	20-4	3,900	1,795	0	582	37	Sheet iron and cement & cast iron	Gal. iron
38	Pub.	49	30-4	1,977	1,905	230	374	0	Cast iron	Lead
39	Co.	17 $\frac{1}{2}$	16-4	600	833	20	275	11,833 for all	Cast iron	Gal. iron
40	Pub.	55.5	24-6	3,285	499	2,187	575	53,000 for all	Cast iron	Lead
41	Pub.	31.6	16-4	2,539	2,899		365	0	Cast iron	Lead
42	Co.	29.3		1,047	4,475	0	106	3,000 for all	Cast iron	Gal. iron
43	Pub.	47	36-2	5,000	1,200	11	250	0	Cast iron	Iron
44	Pub.	35	24-4	8,500	353	30	400	0	Cast iron	Iron
45	Pub.	61	16-1 $\frac{1}{2}$	9,540	485		535	0	Cast iron	
46	Pub.	75.2	24-3	5,293		189	405	0	Cast iron & sheet iron and cement	Gal. iron
47	Pub.	38-1	30-3	7,633	404	0	295		Cast iron.	Lead
48	Pub.	28.8	24-4	2,431		135	236		Cast iron & sheet iron and cement	Lead
49	Pub.	48.3	30-1	3,896	555	521	479		Cast iron & wrought iron	Gal. iron
50	Pub.	36.5	20-2	1,437	823	69	319	0	Cast iron & wrought iron	Lead
51	Pub.	69.8	20-4	5,987	260	178	527	8,000 for all	Sheet iron and cement	Cement-lined iron
52	Pub.	1.96	6-4	1,765	1,360	550	255	0	Cast iron	Lead
53	Pub.	56	24-3	4,600	1,304	3	324	0	Cast iron	Lead
54	Pub.	63		9,000	417	0	400	0	Cast iron	Lead
55	Co.	40	20-2	3,500	857	0	300	20,000 for all	Cast iron	Lead
56	Co.	123		5,300		102	195	0	Boiler iron, riveted, asphalted, cement lined.	Gal. iron
57	Co.	30		1,300	1,538		190	10,000 for all	Cast iron	Lead
58	Co.	76.4	26-4	5,283	757	55	248		Cast iron & sheet iron and cement	Gal. iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts, Dollars.	Daily Consumption Gallons.
59	Memphis, Tenn.	33,592	P. D.	July, 1884	35,000	80,000	6,000,000
60	Springfield, Mass.	33,340	G.	Dec. 1883	21,865	82,038	unknown
61	Manchester, N. H.	32,630	P. R.	Dec. 1883	9,939	73,458	1,211,278
62	St. Joseph, Mo.	32,431	P. R.	Nov. 1882			2,500,000
63	Grand Rapids, Mich.	32,016	P. R.	Apr. 1883	12,988	20,348	1,284,637
64	St. John & Portland, N. B.	32,000	G.	Dec. 1883	13,904	73,594	5,000,000
65	Hoboken, N. J.	30,999	P. R.	Sept. 1884			3,500,000
66	Harrisburg, Pa.	30,762	P. R.	Dec. 1883	19,629	58,593	4,134,415
67	St. Johns, N. F.	30,743	G.	July, 1884	14,000	25,500	3,500,000
68	Wheeling, W. Va.	30,737	P. R.	July, 1884	36,000	51,000	4,500,000
69	Savannah, Ga.	30,709	P. T.	Dec. 1883	17,899	45,225	3,180,090
70	Omaha, Neb.	30,518	P. R.	Dec. 1881			350,000
71	Trenton, N. J.	29,910	P. R.	Feb. 1884	9,938	58,035	1,409,921
72	Covington, Ky.	29,720	P. D.	Dec. 1882	23,500	25,000	1,500,000
73	Evansville, Ind.	29,280	P. D.	Dec. 1882	36,068	39,689	3,914,082
74	Peoria, Ill.	29,259	P. D.	Dec. 1883	26,821	29,213	2,500,000
75	Mobile, Ala.	29,132	P. S.	July, 1884	8,000		
76	Elizabeth, N. J.	28,229	P. D. P. R.	July, 1884	40,000	70,000	2,000,000
77	Erie, Pa.	27,737	P. S.	Dec. 1883	17,308	48,269	2,252,177
78	Bridgeport, Conn.	27,643	G. P. R.	Dec. 1883			
79	Salem, Mass.	27,563	P. R.	Dec. 1883	25,761	55,253	2,247,000
80	Ottawa, Ont.	27,412	P. D.	Nov. 1882	23,916	99,010	3,256,237
81	Quincy, Ill.	27,268	P. R.	July, 1884			750,000
82	Fort Wayne, Ind.	26,880	P. R. P. D.	Apr. 1884	8,896	18,836	1,210,427
83	New Bedford, Mass.	26,845	P. R.	Dec. 1883	21,879	44,422	2,326,191
84	Terre Haute, Ind.	26,042	P. D.	July, 1884	7,000	32,000	1,000,000
85	Lancaster, Pa.	25,769	P. R.	July, 1884	13,000	47,000	3,300,000
86	Somerville, Mass.	24,933	G.	Dec. 1881	14,000	14,687	unknown
87	Wilkesbarre, Pa.	23,339	P. G.	July, 1884			2,000,000
88	Des Moines, Iowa.	22,408	P. D.	July, 1884	20,000	45,000	1,500,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Mains.	Kind of Pipe.	Services.
59	Co.	35		3,800	1,579	150	225	0	Cast iron	Iron and lead	
60	Pub.	70.2	24-1 $\frac{1}{2}$	4,014		145	465		Cast iron & sheet iron and cement	Tarred iron	
61	Pub.	39.8	20-4	2,294	528	404	350	0	Sheet iron and cement & cast iron	Rubber, coated iron	
62	Co.	24	20-4	553	4,520	27	$\frac{180}{52}$	$\frac{100}{60}$	Cast iron	Lead	
63	Pub.	24.8	20-4	1,171	1,097	328	260	0	Cast iron & Wyckoff wood	Lead	
64	Pub.	32.9	15-2	3,865	1,294	124	272	0	Cast iron	Lead	
65	Co.	16.1	16-6	3,500	1,000	107	150	0	Cast iron	Lead	
66	Pub.	23	20-4	6,000	689	0	400	0	Cast iron	Iron	
67	Co.	14	24-16	1,550	2,258	0	130		Cast iron	Lead	
68	Pup.	40	30-3			0	392	0	Cast iron	Lead	
69	Pub.	28.5	24-4	4,000	795	0	264	0	Cast iron	Lead & gal. iron	
70	Co.	32	18-4	700	500	0	255		Cast iron		
71	Pub.	35	16-2	6,046	233	38	205	0	Cast iron	Gal. iron	
72	Pub.	26	20-4	2,021	744	0	215	0	Cast iron	Lead	
73	Pub.	32	20-4	1,589	2,463	0	238	11,130 for all	Cast iron	Gal. iron	
74	Pub.	45	16-4			35	312	0	Cast iron	Lead	
75	Co.	22	10-3	1,200		1	150	0	Cast iron	Lead	
76	Co.	40		3,000	667	30	200	5,000 for all	Sheet iron and cement	Gal. iron	
77	Pub.	44	12-4	3,387	665	41	196	0	Cast iron	Gal. iron	
78	Co.	62.2	20-1 $\frac{1}{2}$	3,810			205		Sheet iron and cement & cast iron.	Lead and iron	
79	Pub.	44.8	1-20 $\frac{1}{2}$	4,823	466	142	163	0	Cast iron & sheet iron and cement	Gal. iron	
80	Pub.	44.2	24-3	5,833	558	0	341	35	Cast iron	Lead	
81	Co.	18	20-4	500	1,500	20	120	10,000 for all	Cast iron	Gal. iron	
82	Pub.	27.8	24-4	1,138	1,064	80	220	0	Cast iron	Lead	
83	Pub.	46.4	24-4	4,465	521	49	332	12,000 for all	Cast iron & sheet iron and cement	Iron and lead	
84	Co.	22	10-4	620	1,613	6	339	40	Cast iron	Lead	
85	Pub.	33	20-4	4,100	805	9	390	0	Cast iron	Iron	
86	Pub.	45.5		1,227	.	31	283	1,420 for all	Sheet iron and cement	Lead, rubber-coated and enameled iron.	
87	Co.	35	8-3	3,000	667	0	100	12.50	Cast iron & sheet iron and cement	Gal. iron	
88	Co.	25	16-4	2,500	600	150	245	18,750 for all	Cast iron	Iron	

No.	Name of Town.	Population 1880.	Mode of Supply	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
89	Dubuque, Iowa.	22,254	G.	Sept. 1884			unknown
90	Galveston, Texas.	22,248	P.		no	returns	
91	Norfolk, Va. .	21,966	P. D.	June, 1883	16,175	37,643	920,136
92	Auburn, N. Y. .	21,924	P. D.	June, 1880			2,600,000
93	Holyoke, Mass.	21,915	G.	Dec. 1883	22,446	57,335	
94	Augusta, Ga. .	21,891	P. T. P. D.	July, 1884	6,500	23,500	2,250,000
95	Davenport, Iowa.	21,831	P. D.	Nov. 1884			2,000,000
96	Chelsea, (Boston) Mass.	21,782	P. R.	Dec. 1883	6,600	62,540	
97	Petersburg, Va.	21,656	P. R.	July, 1884	6,000	13,000	1,000,000
98	Sacramento, Cal.	21,420	P. T. P. D.	Dec. 1881	25,000	68,500	2,000,000
99	Taunton, Mass.	21,213	P. D.	Nov. 1883	16,536	29,992	611,816
100	Oswego, N. Y.	21,116	P. R.	Dec. 1880			unknown
101	London, Ont. .	21,000	P. R.	Dec. 1883	10,000	25,000	1,250,000
102	Salt Lake City, Utah.	20,768	G.	July, 1884	6,000	15,000	2,000,000
103	Springfield, O. .	20,730	P. T.	July, 1884	11,000	14,000	652,000
104	Bay City, Mich.	20,693	P. D.	Dec. 1883	11,726	18,386	2,120.391
105	San Antonio, Texas.	20,550	P. R. P. D.	Dec. 1882			unknown
106	Elmira, N. Y. .	20,541	G. P. R.	July, 1884	10,996	34,144	1,500,000
107	Newport, Ky. .	20,433	P. R.	Dec. 1883	12,947	27,800	700,000
108	Poughkeepsie, N. Y.	20,207	P. R.	Dec. 1883	16,973	22,548	1,393,688
109	Springfield, Ill. .	19,743	P. R.	Feb. 1884	22,062	25,869	1,975,151
110	Altoona, Pa. .	19,710	G.	Dec. 1880			500,000
111	Burlington, Iowa.	19,450	P. D.	July, 1884	6,000	13,000	600,000
112	Cohoes, N. Y. .	19,416	P. R.	July, 1884	6,700	24,000	2,000,000
113	Lewiston, Me. .	19,083	P. R.	Feb. 1882	4,771	24,591	1,016,260
114	Biddeford & Saco, Me.	19,040	P. R.	July, 1884	in	progress	
115	Pawtucket, R. I.	19,030	P. R.	Feb. 1884	18,828	64,101	1,868,603
116	EastSaginaw, Mich	19,016	P. D.	Dec. 1883	13,919	24,259	2,218,336
117	Lycoming Co. Williamsport, Pa. Citizens Co.	18,934	G.	Apr. 1882 July, 1884	3,000	15,000	800,000 500,000
118	Yonkers, N. Y.	18,892	P. R. P. D.	Dec. 1883	14,474	37,578	1,246,200

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Main.	Kind of Pipe.	Services.
89	Co.	13	12-4	500			20	100 25	75 50	Cast iron	Lead
90	Co.		no returns							Cast iron	
91	Pub.	27.4	12-1½	2,758	334		87	122		Cast iron	
92	Co.	26	12-4	200				253	68.50	Cast iron	
93	Pub.	31.1	20-4	1,637			118	201	0	Cast iron	
94	Pub.	22.6	6-4	1,567	1,436		0	186	0	Cast iron	Gal. iron
95	Co.	26	14-4	881	2,270		300	257	70	Cast iron	Gal. iron
96	Pub.	28.5	16-3	4,312			59	136		Cast iron & sheet iron and cement	Lead
97	Pub.	11	12-4	1,035	966		0	107	0	Cast iron	Gal. iron
98	Pub.	25	24-3	4,600	435		0	285	0	Cast and wrought iron	Iron
99	Pub.	47	20-4	2,289	267		464	408	11,010 for all	Cast iron	Iron, cement lined
100	Co.	25						175	23,500 for all	Cast iron	
101	Pub.	40	12-4	3,000	417		15	220		Cast iron	
102	Pub.	14	20-4	1,200	1,667		0	134	0	Cast iron	Lead
103	Pub.	30	24-6	1,200	543		25	279	0	Cast iron	Lead
104	Pub.	21	16-3	1,127	1,881		37	150	0	Wyckoff wood and cast iron	
105	Co.	15	16-4	1,020			5	139	10,000 for all	Cast iron	Lead & gal. iron
106	Co.	36	12-4	989	1,517		205	50 135	75 50	Cast iron and Wyckoff wood	Lead & gal. iron
107	Pub.	23.5	30-4	2,328	301		40	130	0	Cast iron	Lead
108	Pub.	17.2		1,501	928		225	293	0	Cast iron	
109	Pub.	21.5	15-4				36	96		Cast iron	
110	Pub.	16		1,400	357		0	98		Cast iron	
111	Co.	20	12-¾	1,027	584		86	209	16,000 for all	Cast iron	Iron
112	Pub.	10	14-2	1,200	1,667		10	60	0	Cast iron	Iron
113	Pub.	23	24-4	1,800	564		25	149	40	Cast iron	Tarred and gal. iron
114	Co.		16-4							Cast iron	Gal. iron
115	Pub.	84	30-4	3,456	541		1,919	586		Cast iron	Tarred iron
116	Pub.	25.4	16-3	1,093	2,029		72	172	0	Cast iron	
117	2 Co.	24 20	16	1,858 800	431 625		0 0	159 50	10	Cast iron	Gal. iron
118	Pub.	28.7	24-4	1,344	927		732	310	30	Cast iron	Lead

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption. Gallons.
119	Haverhill, Mass.	18,472	G. P. T.	Dec. 1882			1,250,000
120	Lake, Ill.	18,380	P. D.	July, 1884		70,000	4,000,000
121	Kingston, N. Y.	18,344	G.	Feb. 1884	com- pleted	Dec. 1883	
122	Zanesville, Ohio.	18,133	P. R.	Mar. 1884	16,006	28,515	2,420,754
123	Allentown, Pa.	18,063	P. R. P. S.	Dec. 1883	4,097	41,444	
124	Council Bluffs, Ia.	18,063	P. R.	Mar. 1884	com- pleted	Dec. 1883	
125	Newburgh, N. Y.	18,049	P. G.	Mar. 1884	5,975	30,883	1,200,000
126	Waterbury, Conn.	17,806	P. G.	Dec. 1883	6,208	38,980	unknown
127	Portland, Ore.	17,577	P. R.	Apr. 1883			
128	Wilmington, N. C.	17,350	P. T.	Nov. 1882	10,000	7,000	100,000
129	Binghamton, N. Y.	17,317	P. D.	Dec. 1883	12,172	34,468	2,044,968
130	Bloomington, Ill.	17,180	P. S.	July, 1884	9,000	12,000	800,000
131	New Brunswick, N. J.	17,166	P. R.	Dec. 1883	11,234	34,210	999,194
132	Long Island City, N. Y.	17,129	P. D.	Dec. 1882	12,000	37,000	1,500,000
133	Newton, Mass.	16,995	P. R.	Dec. 1883	16,266	55,055	624,381
134	Bangor, Me.	16,856	P. D.	Mar. 1884	5,139	18,378	1,365,025
135	Montgomery, Ala.	16,713	P. D.	July, 1884	11,000	23,000	750,000
136	Lexington, Ky.	16,656	P. D.	July, 1884	in progress		
137	Leavenworth, Kan.	16,546	P. R.	Nov. 1884	11,000	33,000	500,000
138	Houston, Texas.	16,513	P. T. P. D.	Dec. 1881			300,000
139	Akron, Ohio.	16,512	P. R.	July, 1884	8,000	26,000	800,000
140	New Albany, Ind.	16,423	P. R.	July, 1884	7,000	30,000	850,000
141	Jackson, Mich.	16,105	P. D.	July, 1884	9,000	9,000	1,000,000
142	Woonsocket, R. I.	16,050	P. T.		no	returns	
143	Racine, Wis.	16,031	G.	July, 1884			
144	Lynchburg, Va.	15,959	P. R.	Feb. 1884		15,282	
145	Sandusky, Ohio.	15,838	P. S.	Dec. 1883	11,530	14,867	1,860,000
146	Oshkosh, Wis.	15,748	P. D.	Feb. 1884	in progress		
147	Hyde Park, Ill.	15,716	P. D.	Dec. 1883	21,891	50,317	1,801,925
148	Newport, R. I.	15,693	P. R.	June, 1882	20,000	35,000	800,000

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily con- sumption per Tap.	No. of Meters.	No. of Fire Hy- drants.	Annual Price by City.	Kind of Pipe. Maine. Services.
119	Co.	25	16-4			10	75	0	Cast iron & sheet iron and cement Lead
120	Pub.	60	16-3	4,400	909	81	400	0	Cast iron Lead
121	Co.	23.5	16-4	600		20	230	\$40	Cast iron Enameled and gal. iron
122	Pub.	37.6	30-3	2,663	909		222	0	Cast iron
123	Pub.	24	16-2	3,069		18	107	0	Cast iron
124	Co.	24	30-4				200	100	Cast iron Iron
125	Pub.	29	20-4	2,072	579	5	199	0	Cast iron Lead
126	Pub.	32.5	20-1	2,375		96	193	4,575 for all	Cast iron & sheet iron and cement Gal. iron
127	Co.	18	24-4				75		Cast iron Enameled iron
128	Co.	11.5	12-4	254	393	32	⁷⁵ / ₃₀	⁷⁰ / ₅₀	Cast iron
129	Pub.	24.2	20-4	2,600	786	112	181	9,380 for all	Cast iron & sheet iron and cement Iron
130	Pub.	13	10-4	900	889	5	145	0	Cast iron Gal. iron
131	Pub.	21.2	16-4	1,396	716	77	152	7,740	Cast iron & sheet iron and cement Gal. iron
132	Pub.	16	18-4	1,050	1,428	27	250		Cast iron
133	Pub.	67.6	24-4	2,740	228	761	398	20	Cast iron Tarred and enameled iron
134	Pub.	26	16-2	1,875	728		158	8,569 for all	Cast iron Gal. iron
135	Co.	11	10-3	700	1,071	40	98	75	Cast iron Iron
136	Co.	15	in progress				200	50	Cast iron
137	Co.	18	18-4	595	840	128	88	75	Cast iron Iron
138	Co.	12		350	857	0	80		Cast iron Gal. iron
139	Co.	23	16-3	950	842	25	157	45	Cast iron Gal. iron
140	Co.	17	12-4	1,000	850	30	⁵¹ / ₁₀₀	⁷⁵ / ₁₀₀	Cast iron Lead
141	Pub.	14	15-4	1,000	1,000	7	108	0	Cast iron Iron
142						no returns			
143	Co. & Pub.	2	6-4	275		0	4		Wrought and cast iron Iron
144	Pub.	18	18-1 ¹ / ₂	893		0	144	8,000 for all	Cast iron
145	Pub.	21.4	20-1 ¹ / ₂	1,059	1,756	0	149	0	Cast iron Iron
146	Co.	21	16-4	none yet			206	14,500 for all	Cast iron
147	Pub.	60	24-4	3,000	601	32	435	0	Cast iron Lead
148	Co.	40	18-4	1,225	653	12	197		Cast iron & sheet iron and cement Cement-lined iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
149	Meriden, Conn.	15,540	G.	Nov. 1883	3,843	39,820	
150	Topeka, Kan.	15,452	P. D.	July, 1884	9,500	15,000	400,000
151	Youngstown, O.	15,435	P. D.	July, 1884	11,507	18,679	882,068
152	Norwich, Conn.	15,112	G.	Mar. 1883	5,584	31,063	unknown
153	Atchison, Kan.	15,105	P. R.	July, 1884			750,000
154	Chester, Pa. . .	14,997	P. R.	1875	5,000	26,000	406,000
155	La Fayette, Ind.	14,860	P. R. P. S.	July, 1884	7,000	14,000	900,000
156	Leadville, Colo.	14,820	P. D. G.	1880	12,402	30,723	1,000,000
157	La Crosse, Wis.	14,505	P. D.	July, 1884	6,000	6,500	900,000
158	Kingston, Ont.	14,091	P. R.	July, 1884	9,000	20,000	800,000
159	York, Pa. . . .	13,940	P. R.	1880			unknown
160	Concord, N. H.	13,843	G.	Dec. 1883	2,875	28,255	
161	Alexandria, Va.	13,659	P. R.	Apr. 1881	6,858	5,954	803,468
162	Schenectady, N. Y.	13,655	P. D.	July, 1884	12,000	17,000	1,000,000
163	Brockton, Mass.	13,608	G.	Dec. 1881	1,902	3,613	unknown
164	Newburyport, Mass.	13,538	P. T.	July, 1884			240,000
165	Lockport, N. Y.	13,522	P. D.	July, 1884	7,000	4,500	900,000
166	Nashua, N. H.	13,397	P. R.	July, 1884	15,000		1,500,000
167	Pittsfield, Mass.	13,364	G.	July, 1884	2,000	19,000	2,500,000
168	South Bend, Ind.	13,280	P. S.	July, 1884	6,000	8,000	2,500,000
169	Pottsville, Pa. .	13,253	G.	Dec. 1882			unknown
170	Orange, N. J. . .	13,207	G.	Dec. 1883	Completed	October, 1883.	
171	Little Rock, Ark.	13,138	P. T. P. D.	Dec. 1882			unknown
172	Rockford, Ill. . .	13,129	P. D.	Oct. 1884	11,235	12,269	1,500,000
173	Norristown, Pa.	13,063	P. R.	July, 1884			800,000
174	Lincoln, Neb. . .	13,003	P. T. P. D.	July, 1884	in progress		
175	West Troy and Green Island, N. Y.	12,980	P. R.	Dec. 1882	17,000	18,000	1,000,000
176	Chattanooga, Tenn	12,892	P. R.	Dec. 1882			1,000,000
177	Macon, Ga. . . .	12,747	P. S. P. R.	July, 1884	5,496	12,503	376,000
178	Richmond, Ind.	12,742	P.		in progress		

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption. per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe	
									Mains.	Services
149	Pub.	28	16-2	2,326		74	186	\$ 30	Cast iron & sheet iron and cement	
150	Co.	18	16-4	734	545	8	171	50	Cast iron	Iron
151	Pub.	17	15-4	1,122	786	53	147	0	Cast iron	Lead
152	Pub.	34	6-4	2,052			261	0	Sheet iron and cement	
153	Co.	5	12-4	540	1,389	4	63		Cast iron	Lead
154	Pub.	12	12-4	1,100	369		57	40	Cast iron	
155	Pub.	28	16-	895	1,005	7	220	0	Cast iron	Lead
156	Co.	3		250	4,000	2	52		Cast iron	Lead
157	Pub.	12	16-4	550	1,636	0	105	0	Cast iron	Gal. iron
158	Co.	11	8-3	850	941	25	42	300 for all	Cast iron	Lead
159	Co.		10-2	1,500			50		Cast iron	Lead
160	Pub.	30.3	14- ³ / ₄	1,807		0	124	50	Sheet iron and cement	Cement-lined iron.
161	Co.	15.9		573	1,407		147		Cast iron	
162	Co.	13	12-4	750	1,333	40	138	75	Sheet iron and cement	Iron
163	Pub.	9	16-4	385		86	127	25	Sheet iron and cement	Iron, plain and cement-lined
164	Co.	20		936	256	15	150	6,000 for all	Cast iron & sheet iron and cement	Cement-lined iron
165	Co.	7.5	12-4	510	1,765	7	150	0	Cast iron	Iron
166	Co.	30	10-4	2,000	750		80	42	Cast iron	Gal. iron and lead
167	Pub.	35		1,600	1,562	10	83	30	Cast iron	All kinds
168	Pub.	18	-6	700	3,571	75	275	0	Wyckoff wood and cast iron	Lead
169	Co.	35	16-3					0	Cast iron	Gal. iron
170	Pub.	21	16-4	150			200	0	Cast iron	
171	Co.	8.5	14-4				85	85	Cast iron	Iron
172	Pub.	32	16-2	1,200	1,250	0	220	0	Cast iron	Iron
173	Co.	27	16-3			0	130	0	Cast iron	Lead
174	Pub.	11	in progress				75	0	Cast iron	
175	Co.	15	10-4	300	3,333	1	110	12,000 for all	Sheet iron and cement & cast iron	Lead
176	Co.	15	12-4	1,000	1,000	0	58	50	Cast iron	Iron
177	Co.	15.5	12-2	524	717	143	81	60	Cast iron	Gal. iron
178					in progress					

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
179	New Brighton, N. Y.	12,679	P. R.	July, 1884	7,000	29,000	1,000,000
180	San Jose, Cal. .	12,567	G. P. R.	July, 1884			3,000,000
181	Fitchburg, Mass.	12,429	G.	Nov. 1883	6,001	20,229	unknown
182	Canton, Ohio. .	12,258	P. D.	Mar. 1884	7,000	12,000	1,000,000
183	Rome, N. Y. .	12,194	P. R.	July, 1884	2,500	12,000	1,000,000
184	Northampton, Mass.	12,172	G.	Dec. 1883	1,688	17,527	unknown
185	Hamilton, O. .	12,122	P. R.	Feb. 1884	works	just	completed
186	Keokuk, Iowa.	12,117	P. D.	July, 1884	8,300	17,000	500,000
187	Steubenville, O.	12,093	P. R.	Dec. 1881	20,474	16,750	1,300,000
188	Malden, Mass. .	12,017	G.	Dec. 1883	2,957	38,231	
189	Kalamazoo, Mich.	11,937	P. D.	Apr. 1884	7,198	7,566	999,331
190	Easton, Pa. . .	11,924	P. R.	Dec. 1881	10,000	23,500	1,000,000
191	New Britain, Conn.	11,800	G.	July, 1884	3,000	17,000	1,500,000
192	Waltham, Mass.	11,712	P. R.	Dec. 1883	5,943	30,042	601,987
193	Dover, N. H. .	11,687	G.	July, 1883		12,000	unknown
194	Danbury, Conn.	11,666	G.	July, 1884	1,500	16,000	300,000
195	Rock Island, Ill.	11,659	P. D.	July, 1884	8,000	15,000	1,500,000
196	Joliet, Ill. . .	11,657	P. S.	Aug. 1883	6,000	3,000	600,000
197	Charlestown, Mass.	11,514	P. R.	May, 1882	Paid by Boston	109,678	
198	Galesburgh, Ill.	11,437	P. T.	Feb. 1884			
199	Portsmouth, Va.	11,390	P.	July, 1884	in progress		
200	Burlington, Vt.	11,365	P. R.	Dec. 1883	9,307	23,733	617,462
201	Portsmouth, O.	11,321	P. D.	May, 1884	11,985	12,941	
202	Muskegon, Mich.	11,262	P. D.	July, 1884			
203	Logansport, Ind.	11,198	P. D.	Mar. 1882	3,000	6,900	500,000
204	Los Angeles, Cal.	11,183	G.	Dec. 1882			1,500,000
205	Attleboro, Mass.	11,111	P. T.	Dec. 1883	8,716	11,430	unknown
206	Hannibal, Mo. .	11,074	P. R.	July, 1884			500,000
207	St. Catherines, Ont.	11,000	G.	May, 1882	2,868	4,246	
208	Austin, Texas. .	10,960	P. D.	Mar. 1884		36,500	1,000,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	Services.
179	Co.	16.5	10-4	700	1,429	22	165	\$40	Cast iron	Gal. iron
180	Co.	65	23-3	2,500	1,200	13	50	0	Cast iron and sheet iron	Gal. iron
181	Pub.	29.3	16-2	1,525		197	212	0	Sheet iron and cement & cast iron	Cement-lined iron
182	Pub.	16	15-4	1,200	833	1	140	0	Cast iron & sheet iron and cement	Gal. iron
183	Pub.	18		800	1,250	0	118	0	Sheet iron and cement & cast iron	Lead
184	Pub.	25.7	24- $\frac{1}{2}$	1,429		9	146	5,000 for all	Cast iron	
185	Pub.	24.3	20-4			0	188	0	Cast iron	Lead and iron
186	Co.	12	20-4	470	1,064	17	86	100	Cast iron	Gal. iron
187	Pub.	13.8	20-2	2,100	619	0	125		Cast iron	Lead
188	Pub.	39.9	12-2	2,487		36	197		Sheet iron and cement	Lead
189	Pub.	18.5	16-2	780	1,281	0	173	0	Cast iron	
190	Co.	20	20-3	1,200	833	20	50	0	Cast iron	Iron
191	Pub.	25	12-4			60	160	25	Cast iron & sheet iron and cement	Iron
192	Pub.	27.9	16-1	1,542	390		137	25	Cast iron, wrought iron & sheet iron and cement	
193	3 Cos.	30	8-4	1,000		9	0	0	Cast iron	Iron
194	Pub.	27	10-3	2,500	120	0	135	0	Sheet iron and cement	Gal. iron
195	Pub.	14	20-4	978	1,534	0	100	0	Cast iron	Iron
196	Co.	10	12-4	175	3,429	0	60	0	Cast iron	Iron
197	Pub.	29.5		6,208		188	260		Sheet iron and cement	
198	Co.	8	16-6	175		0	82	100	Cast iron	Iron
199	Co.	31	in progress				100	75	Spiral wrought iron	Iron
200	Pub.	20	10-3	1,843	335	134	161		Cast iron & sheet iron and cement	Gal. iron
201	Pub.	18.6	16-4	1,335		0	90	0	Cast iron	Iron
202	Pub.	23	16-4			25	220	25 31	Cast iron	Gal. iron
203	Pub.	9.5		400	1,250	6	89		Cast iron	Lead
204	Co.	26	22-1 $\frac{1}{2}$	1,726	869	0	60	0	Cast iron & sheet iron and cement	Gal. iron
205	Pub.		8-4			125	77	2,000 for all	Sheet iron and cement	Cement-lined iron
206	Co.	14	14-2	760	658	20	75 11	66 60	Cast iron	Lead
207	Pub.	15.5	12-4	546		0	123	0	Cast iron	Iron
208	Co.	20	20-4	1,100	909	75	135	100 50	Cast iron	Iron

No.	Name of Town.	Population 1860.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts, Dollars.	Daily Consumption Gallons.
209	Chillicothe, Ohio.	10,938	P. R.	no returns			
210	Woburn, Mass.	10,931	P. R.	Feb. 1884	9,276	23,512	690,764
211	Jacksonville, Ill.	10,927	P. R.	July, 1884	5,000	8,000	300,000
212	Virginia City, Nev.	10,917	G.	May, 1882			4,200,000
213	Watertown, N. Y.	10,697	P. R.	Oct. 1884	3,500	17,000	1,500,000
214	Cumberland, Md.	10,693	P. D.	Jan. 1883	5,132	6,834	1,500,000
215	Quincy, Mass.	10,570	P. T.	Apr. 1884	com- pleted	Jan. 1 1884	
216	Weymouth, Mass.	10,570	G. P. T.	Apr. 1884	in progress		
217	New London, Conn.	10,537	G.	Sept. 1884	3,622	18,582	700,000
218	Saginaw City, Mich.	10,525	P. D.	July, 1884	10,067	3,500	1,000,000
219	Stoneham and Wakefield, } Mass.	10,437	P. T. P. D.	Feb. 1884			250,000
220	Dallas, Texas.	10,358	P. T.	Oct. 1882	5,000	12,000	145,000
221	Ogdensburg, N. Y.	10,341	P. D.	July, 1884	2,000	10,000	800,000
222	Madison, Wis.	10,324	P. S.	Oct. 1883	3,765	3,769	
223	Stockton, Cal.	10,282	P. S.	May, 1883			
224	Winona, Minn.	10,208	P. S.	Dec. 1881	6,500	1,900	400,000
225	North Adams, Mass.	10,191	G.	Sept. 1882			
226	Shenandoah, Pa.	10,147	G.	no returns			
227	Marlborough, Mass.	10,127	P. R. P. D.	Jan. 1884			100,000
228	Columbus, Ga.	10,123	G.	Apr. 1884			200,000
229	Eau Claire, Wis.	10,119		no returns			
230	Cedar Rapids, Iowa.	10,104	P. D.	July, 1884	18,000	21,000	1,200,000
231	Columbia, S. C.	10,036	P. R.	no returns			
232	Mansfield, Ohio.	9,859	P. D.	Oct. 1882	5,204	6,716	600,000
233	Knoxville, Tenn.	9,693	P. R.	July, 1884		10,500	500,000
234	Portsmouth, N. H.	9,690	G.				800,000
235	Sedalia, Mo.	9,561	P. D.	Sept. 1884	9,985	10,500	700,000
236	Auburn, Me.	9,555	G. P. T. P. D.	July, 1884	3,500	12,000	
237	Decatur, Ill.	9,547	P. D.	July, 1884	8,000	12,000	1,000,000
238	Amsterdam, N. Y.	9,466	G.	Sept. 1884	2,000	18,000	600,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.
									Mains. Services.
209	Co.					no	re-	turns	
210	Pub.	37.3	14-2	1,559	443	35	280	\$25	Sheet iron and cement lined & enameled iron
211	Pub.	12.5		285	1,053	135	84	0	Cast iron Lead
212	Co.	11	4-1	2,000	2,100	0	92	60	Cast iron
213	Pub.	16	16-3	1,200	1,250	5	110	4,000 for all	Cast iron & sheet iron and cement Iron
214	Pub.	24	12-3	1,200	1,250	0	106	0	Cast iron
215	Co.	22	20-4	200		0	85	35	Wrought iron coated and cast iron Tarred iron
216	Pub.	35	18-6	none yet			200	0	Cast iron
217	Pub.	23.5	24-4	1,501	466	26	123	0	Sheet iron and cement & cast iron Cement lined & rubber coated iron
218	Pub.	9	16-4	325	3,077	0	133	0	Wyckoff wood and cast iron Iron
219	Co.	21	12-4	630	397		110	50	Sheet iron and cement Enameled iron
220	Pub.	10	10-4	500	290	3	73	60	Cast iron Iron
221	Pub.	15		1,200	667	0	83	0	Sheet iron and cement Gal. iron
222	Pub.	12.5	16-4	279		0	83		Cast iron
223	Co.	10	10-2	600		0	0	0	Cast iron Iron
224	Pub.	8	16-4	300	1,333	0	90	0	Cast iron Plain and gal. iron
225	Pub.	18					110		Cast iron
226	Co.					no	re-	turns	
227	Pub.	10.5	14-6	362		32	136	0	Cast iron Cement lined iron
228	Co.	7.5	12-4	425	471	0	66	80	Cast iron Iron
229						no	re-	turns	
230	Co.	12	16-4	550	2,182	0	110	8,000 for all	Cast iron Iron
231	Pub.					no	re-	turns	
232	Pub.	17	16-4	657	913	0	115	0	Cast iron Iron
233	Co.	9		391	1,279	3	82	50	Cast iron Gal. iron
234	Co.								Wyckoff wood
235	Pub.	13	12-4	400	1,750	0	38	0	Cast iron Gal. iron
236	Co.	12	12-3	850		0	40		Cast iron Gal. iron
237	Pub.		16-4	600	1,667	2	109	0	Cast iron Iron
238	Pub.	12.7	14-4	616	794	24	118	0	Cast iron Lead

No.	Name of Town.	Population 1880	Mode of Supply	Year of Returns	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
239	Jamestown, N. Y.	9,357	P. D.	July, 1884	6,000	16,000	500,000
240	Jeffersonville, Ind.	9,357		no returns			
241	Milford, Mass.	9,310	P. D.	Dec., 1882			unknown
242	Three Rivers, Que.	9,200	P. D.	Mar., 1882	12,000	14,000	150,000
243	Bradford, Pa.	9,197	G.	July, 1884	8,000	12,000	43,000
244	Ithaca, N. Y.	9,105	G.	July, 1884			
245	Stillwater, Minn.	9,055	G. P. T.	July, 1884	4,000	9,000	800,000
246	Clinton, Iowa.	9,052	P. T.	July, 1884	5,500		800,000
247	Titusville, Pa.	9,046	P. D.	Mar., 1882	9,053	8,414	904,000
248	Peabody, Mass.	9,028	G. P. T.	Jan., 1884	6,027	22,753	
249	Ottumwa, Iowa.	9,004	P. R.	July, 1884			1,000,000
250	Alton, Ill.	8,975	P. T.	Dec., 1881	3,600		250,000
251	Madison, Ind.	8,945	P. R.	July, 1884	16,000	6,000	400,000
252	Port Huron, Mich.	8,883	P. D.	Apr., 1884	7,625	14,983	738,093
253	Meadville, Pa.	8,860	P. R.	July, 1884	4,000	18,000	600,000
254	Ironton, Ohio.	8,857	P. D.	July, 1884	8,000	12,000	1,088,000
255	Lebanon, Pa.	8,778	G.	July, 1884	1,000	8,000	unknown
256	Bridgeton, N. J.	8,722	P. R.	Jan., 1884	2,048	6,834	167,574
257	Port Jervis, N. Y.	8,678	G.	July, 1883			unknown
258	Hudson, N. Y.	8,670	P. R.	Sept. 1883	10,332	1,652	1,271,574
259	Augusta, Me.	8,665	G. P. D.	July, 1884			
260	Frederick, Md.	8,659	G.	Aug. 1882			403,200
261	Freeport, Ill.	8,516	P. T.	Dec., 1882			unknown
262	Middletown, N. Y.	8,494	G. P. R.	May, 1884	1,669	12,470	unknown
263	Natick, Mass.	8,479	P. R.	Dec., 1883	4,375	14,068	277,469
264	Fremont, Ohio.	8,446	P. T.	July, 1884	3,000	5,000	275,000
265	Saratoga Springs, NY	8,421	P. D.	Mar., 1884	9,503	32,140	2,650,000
266	New Castle, Pa.	8,418	P. R.	Dec., 1882			140,000
267	Flint, Mich.	8,409	P.	In progress			
268	Johnstown, Pa.	8,380	G.	Mar., 1884			unknown

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Mains.	Kind of Pipe. Services.
239	Co.	14	16-4	700	714	2	100	60	Cast iron	Iron
240				no returns						
241	Co.	10.2	14-4	150		0	60	46.66 30.00	Cast iron	Lead
242	Pub.	14	9-4	1,700	88	2	53		Cast iron	Lead
243	Pub.	9	4-2	480	90	0	40	0	Cast & wrought iron	Iron
244	Co.	11	20-4	550			36	75	Cast iron	Gal. Iron
245	Co.	8.5		280	2,857	2	88	7,000 for all	Cast iron	Gal. Iron
246	Co.	9	16-4	400	2,000	20	86	6,000 for all	Cast iron	Iron
247	Pub.	9	15-4	625	1,446	7	65		Cast iron	Iron
248	Pub.	23.3	16-1 $\frac{1}{2}$						Cast iron & sheet iron and cement	Gal. iron
249	Co.	12	16-4	460	2,174	14	84	80	Cast & wrought iron	Iron
250	Co.	12	6	132	1,894	51	89	100	Cast iron	
251	Pub.	9	12-4	650	615	0	110	0	Cast iron	Iron
252	Pub.	21.8	16-3	1,305	566	1	119	0	Cast iron & Wyckoff wood	Lead and iron.
253	Co.	16		900	667	5	102	6,000 for all	Cast iron	Gal. and enameled iron
254	Pub.	8	12-4	1,044	1,042	0	115	0	Cast iron	Iron
255	Pub.	7		1,800		0	76	0	Cast iron	Gal. iron and lead
256	Pub.	13.9	16-2	706	237	3	92	38	Cast iron	Gal. iron
257	Co.	10	12-3			0	136	2,000 for all	Cast iron	Gal. iron
258	Pub.	14	18-1 $\frac{1}{2}$	1056	1,204	0	182	10,000 for all	Cast iron	
259	Co.	2	8-4			3	9	25	Wyckoff wood	Tarred iron
260	Pub.								Cast iron	
261	Co.	9	16-4				84	50	Cast iron	
262	Pub.	14	12-4	500			103	0	Wyckoff wood, cast iron & sheet iron and cement	Gal. iron
263	Pub.	22.3	12-4	927	299	26	126	0	Sheet iron and cement	Cement-lined and gal. iron
264	Pub.	10		200	1,375	5	96	0	Cast iron	Lead and gal. iron
265	Pub.	21	12-3	3,050	869	10	159	5,000 for all	Cast iron	
266	Co.	12.8	12-4	200	700	3	104	0	Cast iron	Lead
267				In progress						
268	Co.	35	20-4	2,000		0	95	500 once for each	Cast iron	Lead

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption. Gallons.
269	East Orange, N. J.	8,349	P. D.	July, 1884			200,000
270	Danville, Pa. .	8,346	P. D.	Dec. 1880	4,500		360,000
271	Columbia, Pa. .	8,312		no returns			
272	Muscatine, Iowa.	8,295	P. R.	Aug. 1884			200,000
273	McKeesport, Pa.	8,212	P. R.	July, 1884	4,500	10,000	450,000
274	Hornellsville, N. Y.	8,195	G.	July, 1884	1,000		unknown
275	Shamokin, Pa. .	8,184	P. D.	July, 1884	1,500	12,000	230,000
276	Brantford, Ont. .	8,107	P. T. P. D.	July, 1884	3,176	4,884	unknown
277	Brookline, Mass.	8,057	P. R.	Jan. 1884	8,744	16,488	550,000
278	Clinton, Mass. .	8,029	G.	July, 1884	2,500	8,000	300,000
279	Bellaire, O. . .	8,025	P. R.	July, 1884	3,000	12,000	1,000,000
280	Appleton, Wis. .	8,005	P. D.	Feb. 1884			unknown
281	Winnipeg, Man.	8,005	P. D.	Feb. 1884			
282	North Attleboro, Mass.	8,000	P. T.	May, 1884	in progress		
283	Tiffin, Ohio . .	7,879	P. D.	July, 1884			500,000
284	Adrian, Mich. .	7,849	P. D.	July, 1884	completed 1884		380,000
285	Ottawa, Ill. . .	7,834	G.	Aug. 1884			
286	Moline, Ill. . .	7,800	P. D.	Nov. 1884			700,000
287	Danville, Ill. . .	7,733	P. S.	May, 1884			
288	Carbondale, Pa.	7,714	G.	July, 1884	1,000	3,500	unknown
289	Millville, N. J. .	7,660	P. T.	Feb. 1882			unknown
290	Jacksonville, Fla.	7,650	P. S.	July, 1884	5,940	7,662	400,146
291	Flatbush, N. Y.	7,634	P. T.	Feb. 1883			
292	Rockland, Me. .	7,590	G. P. D.	Dec. 1881			unknown
293	Westfield, Mass.	7,587	G.	July, 1884	1,100	11,000	1,000,000
294	Medford, Mass.	7,573	G. P.	Jan. 1884	5,531	14,259	unknown
295	St. Henri, Que.	7,550	P. D.	Dec. 1883			275,000
296	Danville, Va. .	7,526	P. R.	no returns			
297	Rutland, Vt. . .	7,502	G.	Apr. 1884	5,563	12,926	1,000,000
298	Sorel, Que. . .	7,500	P. D.	July, 1884	2,200	9,600	72,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	Maina.	Services.
269	Co.	28	12-4	400		150	236	60	Cast iron		Lead
270	Pub.	10.1		815	442		94		Cast iron		
271											
272	Co.	5	12-6	350	571	30	54	75	Cast iron		Iron
273	Pub.	9.7	12-4	660	682	70	70	40	Cast iron		Lead
274	Co.	18	16-4	500		0	125	30	Cast iron		Gal. Iron
275	Co.	10	12-4	1,600	144	0	25	15	Wyckoff wood		Gal. iron
276	Co.	7	8-4			8	83	4,599 for all	Cast iron		Iron
277	Pub.	29.5	16-2	1,092	504	0	169	6,522 for all	Cast iron		Lead
278	Pub.	20	16-2	575	522	20	125	60	Cast iron		Cement-lined iron
279	Pub.	9	12-3	2,000	500	0	75	0	Wyckoff wood and cast iron		Lead
280	Co.	12	16-4	75		1	80	75	Cast iron		Plain iron
281	Co.	6	12-4	64		0	30	0	Cast iron		Gal. iron
282	Pub.	9	16-6				70		Cast iron		Enameled Iron
283	Co.	15	16-4	400	1,250	13	107	9,000 for all	Cast and wrought iron		Iron
284	Co.	14	18-4	100	2,800	10	120	10,000 for all	Cast iron		Kalamelined Iron
285	Co.					0	0	0	Cast iron		
286	Pub. Co.	9	8-6	300	2,333	20	120	50	Cast iron		Iron
287	Co.	13.6	14-4	218		17	101	7,562 for all	Cast iron		Gal. iron
288	Co.	6	10-3	400		0	28	25	Sheet iron and cement & cast iron		Lead
289	Co.	10	12-4	236		0	66	37	Cast iron		Lead
290	Pub.	8.4	14-4	382	1,047	166	106	0	Cast iron		Enameled iron
291	Co.	10	20-4	150		0	26	7,500 for all	Cast iron		Gal. iron
292	Co.	33	9-			0	10	Ex. from Taxes	Sheet iron and cement		Gal. iron
293	Pub.	21	14-4	904	1,106	0	116	0	Cast iron		Iron
294	Pub.	34.1	10-2	1,441		8	158		Sheet iron and cement		Gal. and cement-lined iron
295	Co.	9.5	10-4	1,550	177	9	32		Cast iron		Lead
296	Pub.							40			
297	Pub.	15	12-3	1,500	667	0	53	0	Cast iron		iron
298	Pub.	10.5	8-1 $\frac{1}{2}$	1,200	60	0	40	0	Cast and wrought iron		Lead

No.	Name of Town.	Population 1880	Mode of Supply	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
299	Pittston, Pa.	7,472	P. R.	July, 1884	5,500	23,753	
300	Marblehead, Mass.	7,467	G.	fire protection			unknown
301	Spencer, Mass.	7,466	G.	Dec. 1882			
302	Amesbury, } Salisbury, } Mass.	7,434	P. R.	Feb. 1884	in progress		
303	Lansingburg, N. Y.	7,432		in progress			
304	Michigan City, Ind.	7,366	P. R. P. D.	May, 1884	5,700	1,638	180,000
305	Sioux City, Iowa.	7,366	P. R.	Feb. 1884	in progress		
306	Oil City, Pa. . .	7,315	P. R.	Apr. 1882			unknown
307	Waco, Texas. . .	7,295	P. T.	July, 1884			412,000
308	Chicopee, Mass.	7,286	G. P. D.	July, 1884	1,100	6,575	unknown
309	Dunkirk, N. Y.	7,248	P. D.	Oct. 1882	7,300	5,600	900,000
310	St. Thomas, Ont.	7,200	P. D.	July, 1884	3,000	1,900	300,000
311	St. Albans, Vt. .	7,193	G.	July, 1884	5,500	7,500	600,000
312	Mahanoy City, Pa.	7,181	G.	July, 1884	3,500	11,000	unknown
313	Gloversville, N. Y.	7,133	G.	Apr. 1884	2,662	8,243	
314	Iowa City, Iowa.	7,123	P. D.	Sept. 1883			150,000
315	Charlotte, N. C.	7,094	P. T.	July, 1882			unknown
316	Plymouth, Mass.	7,093	G. P. D.	Dec. 1883	4,617	12,701	485,151
317	West Chester, Pa.	7,046	P. R.	July, 1884	1,200	12,200	500,000
318	Joplin, Mo. . . .	7,038	P. R.	Sept. 1884	2,700	8,500	450,000
319	Tucson, Ariz. . .	7,007	G.	no returns	.		
320	Fredericton, N. B.	7,000	P. D.	Feb. 1884	works	just	completed
321	Yarmouth, N. S.	7,000	G.	Feb. 1884			
322	Frankfort, Ky. . .	6,958	G.	May, 1882			unknown
323	Elkhart, Ind. . .	6,953	P. R. P. D.	Oct. 1884	completed	Oct. 1884	
324	Hazleton, Pa. . .	6,935	G. P.	no returns			
325	Manistee, Mich.	6,930	P. D.	July, 1884	5,000	4,500	325,000
326	Peekskill, N. Y.	6,893	P. R.	Feb. 1884	2,534	6,835	280,000
327	Guelph, Ont. . . .	6,878	P. T. P. D.	Dec. 1882	4,387	7,092	214,000
328	Chambersburg, Pa.	6,877	P. R. P. D.	July, 1884	1,700	5,600	365,145

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	
									Mains.	Services.
299	Co.	17.5	12-2			3	22	12.50	Cast iron	Gal. iron
300	Pub.	1.2	10				20			
301	Co.	5	14-4			0	30	50	Sheet iron and cement	Iron
302	Co.	6	12-6	none yet		0	75	30	Cast iron	Lead
303			no returns							
304	Pub.	7	10-4	80	2,250	3	78	0	Cast iron	Iron
305	Pub.	10	18-6				40		Cast iron	
306	Pub.	12	12-4			3	90	5,000 for all	Cast iron	Lead and gal. iron
307	Co.	12.5	12-3	700	589	0	42		Cast iron & wrought iron	Iron
308	Co.	10	8	800		0	32	500 for all	Cast iron & sheet iron and cement	Iron
309	Pub.	14	12-3	510	1,765	0	96	0	Cast iron	Gal. iron
310	Pub.	4		150	2,000	3	55	0	Cast iron	Iron
311	Pub.	13.5		650	923	0	56	0	Sheet iron and cement	Gal. iron
312	Co.	2.5	6-3	1,050		0	19	5	Cast iron	Iron
313	Pub.	10.5	12-4	698		0	62	1,500 for all	Cast iron	Lead and iron
314	Co.	5.5	20-4	110	1,364	10	70	60	Cast iron	Iron
315	Co.	5	12-4	30		0	40	50	Cast iron	Lead
316	Pub.	20.9	20-2	1,163	417	0	62	0	Sheet iron and cement	Cement-lined iron
317	Pub.	12	12-4			3	350	0	Cast iron	Lead
318	Co.	13	12-3	580	776	6	65	5,300 for all	Cast iron	Iron
319	Co.									
320	Pub.	9.3	12-3	202		0	80	0	Cast iron	Enameled iron
321	Co.	10	12-4				50	0	Cast iron	Lead
322	Pub.		6-3	500		0	0	0	Cast iron	Iron
323	Co.	7	12-6				80	75	Cast iron	Lead
324	Co.									
325	Co.	12	16-6	350	929	0	70	100	Cast iron	Lead and gal. iron
326	Pub.	9.8	-4	468	598	30	78	5,831 for all	Cast iron	Gal. & rubber-lined iron
327	Pub.	13	12-4	266	804	4	101	20	Cast iron	Lead
328	Pub.	7.5		602	606	0	66	0	Cast iron	Gal. iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns:	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
329	Massillon, O.	6,836	G.	no returns			
330	Middletown, Conn.	6,826	G.	Dec. 1883	6,434	17,969	743,783
331	Lancaster, O.	6,803	P. T.	June, 1882	9,934	38,000	3,000,000
332	Keene, N. H.	6,784	G.	Dec. 1883	1,261	10,134	unknown
333	Grass Valley, Cal.	6,688	G.	July, 1884	6,000	8,000	
334	Flushing, N. Y.	6,683	P. D.	no returns			
335	Phoenixville, Pa.	6,682	P. R.	Apr. 1884	2,305	11,174	475,384
336	Staunton, Va.	6,664	P. R.	Sept. 1884	4,000	11,000	750,000
337	Fort Worth, Tex.	6,663	P. D.	Feb. 1884	8,518	13,913	750,000
338	Annapolis, Md.	6,642	P. R.	July, 1884	5,000	12,000	unknown
339	Santa Fe, N. M.	6,635	G.	Apr. 1883			unknown
340	Hagerstown, Md.	6,627	G.	Feb. 1884	1,000	9,000	unknown
341	Willimantic, Conn.	6,608	P. R.	Nov. 1884	in progress		
342	Danvers, Mass.	6,598	P. R.	Dec. 1883	5,993	18,853	463,500
343	Lakeview, Ill.	6,565	P. D.	no returns			
344	Passaic, N. J.	6,532	G. P. R.	July, 1884			750,000
345	Springfield, Mo.	6,522	P. R.	Aug. 1884	3,000	7,000	500,000
346	Brockville, Ont.	6,500	P. D.	Apr. 1884	works	just	completed
347	St. Hyacinthe, Que.	6,500		no returns			
348	Southbridge, Mass.	6,464	G.	July, 1884	400	1,500	36,000
349	Rahway, N. J.	6,455	P. D.	July, 1884	6,000	9,700	750,000
350	West Bay City, Mich.	6,397	P. D.	July, 1884	3,100		400,000
351	Martinsburg, W. Va.	6,335	P. D.	July, 1884	1,500	2,600	200,000
352	Urbana, O.	6,252	P. D.	July, 1884		12,000	750,000
353	Marshalltown, Ia.	6,240	P. D.	Dec. 1883	5,208	4,790	282,593
354	Dedham, Mass.	6,233	P. T.	July, 1883	3,472	5,886	80,189
355	Owensboro, Ky.	6,231	P. D.	June, 1882		14,000	250,000
356	Carlisle, Pa.	6,209	P. R.	Nov. 1882	1,808	5,367	12,5000
357	St. Gabriel, Que.	6,200	P. D.	Mar. 1884			275,000
358	La Porte, Ind.	6,195	P. D.	Feb. 1884	6,000	6,800	350,000

No.	Owner- ship.	Miles of Pipes.	Sizes of Pipe Inches.	No. of Taps.	Daily Con- sumption per Tap.	No. of Meter drants	No. of Fire Hy- per Hydrant by City.	Annual Price	Kind of Pipe	Mains.	Services.
329	Co.								no returns		
330	Pub.	17.8	12-3	1,077	691		86	25	Sheet iron and cement & cast iron	Gal. iron	
331	Pub.	6	20-4								
332	Pub.	26	12-2	1,000		0	125		Cast and wrought iron		
333	Pub.	10	6-4	450			64	0	Cast iron	Iron	
334	Pub.								no returns		
335	Pub.	10.8	24-	761	623	5	125	0	Cast iron	Lead	
336	Pub.	12	12-3	500	1,500	0	40	0	Cast iron	Iron	
337	Co.	11.5	20-6	400	1,875	1	87	100	Cast iron	Black iron	
338	Co.	4.5	10-4	500		6	29	10	Cast iron	Gal. iron	
339	Co.	8	10-3			0	10	100	Cast iron	Gal. iron	
340	Co.	15.3	12-4	325		5	56		Cast iron	Iron	
341	Pub.	11.2	14-6				120		Cast iron		
342	Pub.	31.7	12-4	1,008	460		200	25	Sheet iron and cement	Cement- lined iron	
343	Pub.								no returns		
344	Co.	10	12-4			0	87	50	Sheet iron and cement	Lead	
345	Co.	17.5		570	877	3	86	5,300 for all	Cast iron	Iron	
346	Co.	10	12-2	3,500		0	80	50	Cast iron	Lead	
347									no returns		
348	Co.	2	12-4	77	467	0	16	30	Cast iron	Iron	
349	Pub.	13.5		450	1,667	0	122	0	Sheet iron and cement	Iron	
350	Pub.	8		114	3,509	0	74	0	Cast iron and Wyckoff wood	Lead, iron and wood	
351	Pub.	6	12.1 ₂	700	286	0	52	0	Sheet iron and cement	Iron	
352	Co.	9	14-4	400	1,875	1	74	7,200 for all	Cast iron	Lead	
353	Pub.	9.9	12-2	454	622	1	79	7,108 for all	Cast iron		
354	Co.	10	10-4	275	291	1	80	50	Sheet iron and cement	Enameled iron	
355	Co.	8	10-4	400	625	0	76	50	Cast iron	Lead and gal. iron	
356	Co.	12	8-3	550	227	0	61	250 for all	Cast iron	Lead	
357	Pub.	8.8	10-4	1,100	250	6	18	0.30 per 1,000 gals.	Cast iron	Lead	
358	Pub.	18	12-4			14	92	0	Cast iron	Lead and gal. iron	

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
359	Alpena, Mich.	6,153	P. D.	Mar. 1882			85,000
360	Wyandotte, Kan.	6,149	P. T.	no returns			
361	Athens, Ga.	6,099	P. T.	July, 1884	Just com- pleted	1,884	50,000
362	Burlington, N. J.	6,090	P. T.	July, 1884	2,500	8,000	200,000
363	Ogden City, Utah.	6,069	G.	July, 1884	25,000	10,000	500,000
364	Plymouth, Pa.	6,065	G.	no returns			
365	Ashland, Pa.	6,052	G.	July, 1884	900	6,000	
366	Ishpeming, Mich.	6,039	P.	no returns			
367	Piqua, Ohio.	6,031	P. D.	July, 1882			180,000
368	Bristol, R. I.	6,028	P. R.	Sept. 1884		10,000	200,000
369	Las Vegas, N. M.	6,000	G.	Dec., 1882	3,000	9,000	unknown
370	St. Cunegonde, Que.	6,000	P. D.	Mar. 1884			180,000
371	Sherbrooke, Que.	6,000	P. R.	July, 1884	1,200	5,000	100,000
372	Vallejo, Cal.	5,987	G. P. R.	July, 1884			
373	Rockville, Conn.	5,902	G.	Mar. 1884			
374	Geneva, N. Y.	5,878	G.	July, 1884			unknown
375	Red Wing, Minn.	5,876	P. R.	Oct., 1884	Just com- pleted		
376	Union Town, N. J.	5,849	P. T.	Sept. 1884			125,000
377	Lock Haven, Pa.	5,845	G.	June, 1882	1,150	6,500	unknown
378	Wooster, Ohio.	5,840	G.	July, 1884	400	1,500	140,000
379	Leominster, Mass.	5,772	G.	Mar. 1884	2,352	17,096	unknown
380	Norwich, N. Y.	5,756	G.	Mar. 1882			unknown
381	Mattoon, Ill.	5,737	P.	July, 1884	In progress		
382	Tamaqua, Pa.	5,730	G. P. R.	no returns			
383	Manchester, Va.	5,729	P. R.	Dec., 1883	220	750	80,000
384	Canandaigua, N. Y.	5,726	P. T.	Oct., 1884	1,500	10,210	120,000
385	Alameda, Cal.	5,708	P. T.	July, 1884			1,000,000
386	Norwalk, Ohio.	5,704	P. D.	July, 1884	5,200	5,600	750,000
387	Webster, Mass.	5,696	G.	no returns			
388	Galion, Ohio.	5,635	P. S.	no returns			

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe. Main.	Services.
359	Co.	10	16-4	500	170	0	86		Wyckoff wood	
360	Co.	nore	turns							
361	Co.	7		65	770	2	50	60	Cast iron	Iron
362	Pub.	22.5	24-2	1,200	167	0	90	0	Cast iron	Lead
363	Pub.	13	8-2½	310	1,613	1	39	1,650 for all	Horton wood	Gal. iron
364	Co.	nore	turns							
365	Pub.	11	8-3	582			34	0	Cast iron	Lead & Gal. iron
366		nore	turns							
367	Pub.	9	12-4	450	400	0	60	0	Cast iron	Gal. iron
368	Co.	14		350	571	5	150	5,000 for all	Wrought iron and cast iron	Iron
369	Co.	12	8-4	300		0	30	80	Cast iron	Iron
370	Co.	8.5	12-4	1,100	164	7	14	1,000 for all	Cast iron	Lead
371	Co.	7	8-3	220	445	0	38	35	Cast iron	Lead
372	Co.	18	12-1½	1,000		25	40	0	Cast iron and wrought iron	Gal. Iron
373	Co.	7	15-2	500		0	50	0	Cast iron	Iron
374	Co.	5	10-4			0	27	60	Cast iron	Iron
375	Pub.	6.5	14-4			0	50	0	Cast iron	Gal. iron
376	Co.	16.4	16-4	452	277	452	162	5	Cast iron	Lead
377	Pub.	15	12-3	700		0	60	0	Sheet iron and cement	Gal. iron
378	Pub.	8	12-4	250	560	1	88	0	Cast iron	Gal. iron
379	Pub.	19.4	12-1	731			117	50	Sheet iron and cement	Cement lined & gal. iron
380	Co.	33.5	12-4	1,969		153	257	36	Cast iron	Iron
381	Co.	6	In progress				65	4,500 for all	Cast iron	
382	Pub.	nore	turns							
383	Pub.	0.7	4	81	988	0	7	0	Cast iron	Lead
384	Co.	9	14-4	160	750	0	60	60	Cast iron	Iron
385	Co.	25	10-4	600	1,667	30	87	2.50	Cast iron	Gal. iron
386	Pub.	11	16-3	375	2,000	0	104	0	Cast iron	Iron
387	Co.	nore	turns							
388	Co.	6					75			

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts, Dollars.	Daily Consumption Gallons.
389	East Liverpool, O.	5,568	P. R. P. D.	Feb. 1882	5,000	7,000	200,000
390	Mankato, Minn.	5,550	P. D.	July, 1884	2,500	0	Fire protec- tion only
391	Owego, N. Y.	5,525	G. P.	Nov. 1882			200,000
392	Atlantic City, N. J.	5,447	P. T.	July, 1884			500,000
393	West Hoboken, N. J.	5,441	P. T.		See	Union	Town
394	Morristown, N. J.	5,418	G.	July, 1882	4,000	13,000	225,000
395	Faribault, Minn.	5,415	P. R.	Feb. 1884			
396	Southington, Conn.	5,411	G.	Aug. 1884	Works	just	completed
397	Woodstock, Ont.	5,373	P. D.	Feb. 1884	For fire	protec-	tion only
398	Fort Scott, Kan.	5,372	P. R.	Aug. 1884	2,600	6,000	300,000
399	Henderson, Ky.	5,365	P. R. P. S.	Apr. 1882	2,500	5,500	150,000
400	Gloucester City, N. J.	5,347	P. T.	Apr. 1884	Works	just	completed
401	Norwalk, Conn.	5,308	G.	Dec. 1883			unknown
402	Pottstown, Pa.	5,305	P. R.	Dec. 1881	3,971	7,451	155,000
403	Peru, Ind.	5,280	P. R.	May, 1880	4,873	3,845	213,000
404	Bristol, Pa.	5,273	P. S.	July, 1884	2,400		200,000
405	Peterborough, Ont.	5,250	P. D.	July, 1884	3,000	4,000	
406	Mt. Vernon, O.	5,249	P. S.	July, 1884	2,500	5,000	500,000
407	Plattsburgh, N. Y.	5,245	G.	Dec. 1881	3,031	15,231	500,000
408	Maysville, Ky.	5,220	P. R.	Dec. 1883	6,000	7,000	150,000
409	Westborough, Mass.	5,214	G.	July, 1884	550	5,500	unknown
410	Bethlehem, Pa.	5,193	P. T. P. D.	July, 1884	3,215	4,635	400,000
411	Streator, Ill.	5,157	G.	Dec. 1882			unknown
412	Dunmore, Pa.	5,151		no returns			
413	Port Hope, Ont.	5,114	P. D.	Mar. 1884	500		
414	Bowling Green, Ky.	5,114	P. R.	July, 1884	4,000	9,500	225,000
415	Beaver Falls, Pa.	5,104	P. D.	Oct. 1881	1,000		30,000
416	Salem, N. J.	5,056	P. D.	Dec. 1883	2,463	1,845	97,328
417	Silver Cliff, Col.	5,040	P. D.	July, 1884	5,000	5,000	40,000
418	Kenosha, Wis.	5,039	G.	July, 1884	1,000	4,000	400,000

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily con- sumption per Tap.	No. of Meters.	No. of Annual Fire Hydrant drants.	Price by City.	Kind of Pipe.	
									Maina.	Services.
389	Pub.	6	10-4	700	286	3	75		Cast iron	Lead
390	Pub.	3	12-4	0		0	30	0	Cast iron	
391	Co.	10.5	12-2	248	807	0	51	50	Cast and wrought iron	Iron
392	Co.	16	16-4	640	781	180	150	50	Cast iron	Lead and gal. iron
393	Co.								See Union	Town
394	Co.	14	6-3	700	321	75	71	17	Cast iron	Lead, gal. iron & cast iron
395	Co.	7	14-4			0	60	5,010 for all	Cast iron	Lead and iron
396	Co.	9	10-4	95		0	57	30	Cast iron	Gal. iron
397	Co.	3	8-6	0		0	20	2,500 for all	Cast iron	
398	Co.	8		428	701	10	55	60	Cast iron	Iron
399	Pub.	7.5	12-3	347	432	0	47	0	Cast iron	Gal. iron
400	Pub.	8	20-4	37		0	50	0	Cast iron	Gal. iron
401	Pub.	17	16-4	450			105		Sheet iron and cement & cast iron	Cement lined iron
402	Co.	8	12-4	623	249	5	60	500 for all	Cast iron	Lead
403	Pub.	11.8	16-4	130	1,639	0	101		Cast iron	
404	Co.	3.5	12-4	374	535	1	0	0	Cast iron	Lead
405	Co.	5	12-3	50		0	16	50	Cast iron	Lead
406	Pub.	13	12-4	600	833	0	77	0	Cast iron	Iron
407	Pub.	15	12-2			0	65	0	Cast iron	
408	Co.	9	14-3	402	373	30	50	50,000 once for all	Cast iron	Lead and gal. iron
409	Pup.	9	12-4	400		5	70	25	Cast iron	Iron
410	Pub.	5	8-3	497	805	0	78	0	Cast iron	Iron
411	Pub.	0.6		fire protec tion			8		Wyckoff wood	
412									no returns	
413	Pub.	1.5	6				30	0	Cast iron	
414	Pub.	6.5	8-2	550	409	22	103	0	Cast iron	Lead and gal. iron
415	Co.	6				0	32		Cast iron	
416	Pub.	8.3	12-4	201	484	0	54		Cast iron	Lead and gal. iron
417	Pub.	8		200	200	0	24	0	Cast iron	Iron
418	Co.	3	6-3	300	1,333	1	28	25	Cast iron	Lead

No.	Name of Town.	Population 1880	Mode of Supply	Year of Returns	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
419	Moncton, N. B.	5,032	G.	May, 1883			unknown
420	St. Charles, Mo.	5,014	P. T. P. D.	Mar. 1882			unknown
421	Johnstown, N. Y.	5,013	G.	Apr. 1884	1,723	6,394	500,000
422	Fredericksburgh, Va.	5,010	G.	July, 1884	700		35,000
423	Franklin, Pa.	5,010	G.	no returns			
424	Carleton, N. B.	5,000	G.	July, 1884		3,500	300,000
425	Harbor Grace, N. F.	5,000	G.	Aug. 1884			unknown
426	Gardner, Mass.	4,988	P. R.	Mar. 1884			200,000
427	Huntsville, Ala.	4,977	P. R.	July, 1884	300	3,500	450,000
428	Winchester, Va.	4,958	G.	May, 1882	650	3,000	unknown
429	South Bethlehem, Pa.	4,925	P. D.	Apr. 1882	760	3,633	unknown
430	Wichita, Kan.	4,911	P. S.	July, 1884	4,000	6,000	unknown
431	Glens Falls, N. Y.	4,900	G.	Dec. 1882	700	5,000	unknown
432	Turner's Falls, Mass.	4,875	G. P. R.	Apr. 1884			
433	Grand Haven, Mich.	4,862	P. D.	July, 1884	2,500	500	140,000
434	Batavia, N. Y.	4,845	P. T. P. D.	July, 1884			400,000
435	Columbus, Ind.	4,813	P. D.	Oct. 1881			unknown
436	Perth Amboy, N. J.	4,808	P. T.	July 1884			350,000
437	Corning, N. Y.	4,802	G. P.	July, 1884			250,000
438	Elyria, O.	4,777	P. T.	July, 1884			450,000
439	Claremont, N. H.	4,704	G.	no returns			
440	Marquette, Mich.	4,690	P. D.	1878			
441	Alliance, Ohio.	4,636	P. D. P. T.	July, 1884			
442	Emporia, Kan.	4,631	P. D.	July, 1884	5,000	6,000	unknown
443	Mt. Holly, N. J.	4,621	P. R.	July, 1884	2,400	4,777	250,000
444	Hopkinton, Mass.	4,601	P. T.	Sept. 1884	works	just	completed
445	Oskaloosa, Iowa	4,598	P. D.	July, 1884	4,000	9,000	1,250,000
446	Mt. Vernon, N. Y.	4,586	P. T.	Nov. 1884	In progress		
447	Conshohocken, Pa.	4,561	P. R.	July, 1884		4,624	140,000
448	McGroße, Mass.	4,560	G.	Dec. 1883	3,666	12,826	unknown

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	Services.
419	Co.	20	20-12	251		0	15 12	75 50	Cast iron	Iron
420	Co.	7.5	12-6	200		0	40	100	Cast iron	
421	Pub.	8	10-4	501	998	3	60	0	Cast iron	Iron
422	Co.	5	3-2	225	155	0	0	0	Cast iron	Lead
423	Co.								no returns	
424	Pub.	6.2	12-3	400	750	4	30	0	Sheet iron and cement	Lead and iron
425	Co.	5.	15-2 $\frac{1}{2}$	102		0	38	0	Cast iron	Lead
426	Co.	7.	18-4	275	727	15	60	60	Cast iron	Iron
427	Pub.		8-3			0	40	0	Cast iron	Iron
428	Pub.	25		550		0	25		Cast iron	
429	Co.	5	8-3	200		0	56	15	Cast iron	Lead
430	Co.	8	14-6	400		0	60	4,000 for all	Wyckoff wood	Gal. iron
431	Pub.	15	12-4	500		7	75	0	Sheet iron and cement	Iron and lead
432	Co.		6-2			0	9		Cast iron	
433	Pub.	1		45	3,111	0	10	0	Cast iron & Wyckoff wood	Iron
434	Co.	5	8-5	250	1,600	0	43	1,000 for all	Cast iron	Gal. iron
435	Pub.	4	10-3	180		0	52	0	Cast iron	
436	Co.	6.7	12-4	236	2,573	0	61	50	Cast iron	ro
437	Co.	7.	12-4	300	833	21	59		Cast iron	Gal. iron
438	Co.	8	12-4	250	1,800		50	60	Cast iron	Gal. iron
439	Co.								no returns	
440	Pub.	6	12-3				53		Cast iron	
441	Co.	7	12-4				50		Cast iron	Gal. iron
442	Pub.	14	10-2	400		0	52	0	Cast iron	Iron
443	Co.	6.5	6-3	390	641	1	45	5	Cast iron	Lead
444	Pub.	1.5				0	15	0	Cast iron	Iron
445	Co.	9	12-4	210	5,952	15	45	50	Cast iron	Iron
446	Co.	0.5	8-4				In progress		Cast iron	
447	Co.	5.5	6	250	560	42	41	725 for all	Cast iron	Lead
448	Pub.	18	8-2	1,176		0	99	2,000 for all	Sheet iron and cement	Enameled iron

No.	Name of Town.	Population 1880.	Mode of Supply	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
449	Middletown, O.	4,538	P. D.	Dec. 1882	675	3,000	15,000
450	Hingham, Mass.	4,485	G. P.	July, 1884			unknown
451	Brattleboro, Vt.	4,471	G.	Mar. 1884	In progress		
452	Le Roy, N. Y.	4,469	P. D.	July, 1884	800	Fire protection only	
453	Owen Sound, Ont.	4,426	G.	Mar. 1882			50,000
454	Mt. Pleasant, Ia.	4,410	P. S.	July, 1884	In progress		
455	Evanston, Ill.	4,400	P. D.	Dec. 1881	4,500		300,000
456	Paris, Ill.	4,373	P. D.	Aug. 1881			unknown
457	Litchfield, Ill.	4,326	P. D.	Sep. 1884	4,000	4,000	2,000,000
458	Marysville, Cal.	4,321	P.	no returns			
459	Catskill, N. Y.	4,320	P. R.	July, 1884	Just completed		
460	Stratford, Ont.	4,313	P. D.	Feb. 1884		Completed Oct. 1883	
461	Athol, Mass.	4,307	G.	May, 1882			unknown
462	Amherst, Mass.	4,298	G.	July, 1884			
463	Winsted, Conn.	4,279	G.	May, 1884	568	5,546	unknown
464	Whitehall, N. Y.	4,270	G. P. R. P. D.	July, 1884	600	600	
465	Bordentown, N. J.	4,258	P. R.	July, 1884			
466	Windsor, Ont.	4,253	P. D.	July, 1884	8,000	20,000	400,000
467	Hackensack, N. J.	4,248	P. R.	Sep. 1884			75,000
468	Carson City, Nev.	4,229	G.	no returns			
469	Colorado Springs, Col.	4,226	G.	July, 1884	2,000	13,000	500,000
470	Eureka Nev.	4,207	G.	July, 1884	4,000		200,000
471	Easthampton, Mass.	4,206	P. D.	Nov. 1876		Fire protection only	
472	Parsons, Kan.	4,199	P. T. P. D.	Dec. 1883	Just completed		
473	Niles, Mich.	4,197	G.	July, 1884			300,000
474	Malone, N. Y.	4,193	G.	July, 1884		7,000	unknown
475	College Point, N. Y.	4,192	P. D.	Dec. 1882	5,000	8,523	350,000
476	Ludington, Mich.	4,190	P. D.	July, 1884	2,700	5,200	200,000
477	Ionia, Mich.	4,190	P. D.	July, 1884	3,500	1,800	35,000
478	Lambertville, N. J.	4,183	G.	Mar. 1884	598	2,576	unknown

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	
									Mains.	Services.
449	Pub.	12	14-4	283	53	6	100	5,440 for all	Cast iron	Lead
450	Co.	30	14-2	700		0	115	20	Sheet iron and cement	Cement-lined iron
451	Co.		In progress							
452	Pub.	2	6	0		0	18	0	Cast iron	
453	Co.	6	10-6	175	286	0	20	50	Cast iron	Lead
454	Co.	3.5	In progress				25		Cast iron	
455	Pub.	12		400	750	0	80	0	Cast iron	
456	Co.	6.5				0	56		Cast iron	
457	Pub.	7	10-4	153	13,072	0	35	0	Cast iron	Iron
458	Co.								no returns	
459	Pub.	8.5	10-4	72		0	85	0	Cast iron	Iron
460	Co.	2	12-4			1	13	125	Cast iron	Lead
461	Co.	11	12-4	300		10	50	50	Cast iron	Iron
462	Co.	10	12-4	200		0	40	25	Sheet iron and cement	Lead and iron
463	Pub.	10.4				0	35		Cast iron & sheet iron and cement	
464	Pub.	10		45	new works in progress		52	0	Wrought iron and cast iron	Gal. iron
465	Co.	5	6-3			9	38	0	Cast iron	
466	Pub.	16		2,000	200	1	127	0	Cast iron	Lead
467	Co.	3.8	12-4	215	349	5	47	15	Cast iron	Lead
468	Co.								no returns	
469	Pub.	23.7	8-4	1100	455	0	44		Cast iron	Iron and lead
470	Co.	11	6	500	400		19		Wrought iron	Iron
471	Pub.	2	6-4	0			25	0	Cast iron	
472	Co.	7	12-4	400			50	60	Cast iron	Iron
473	Co.	9	12-4	300	1,000	0	50	50	Sheet iron and cement	Gal. iron
474	Co.	7.7	6-1	250		0	17	10	Sheet iron and cement	
475	Pub.	14	12-6	449	779	52	54	0	Cast iron	Lead and gal. iron
476	Co.	3.5	10-4	130	1,538	0	47	3,200 for all	Wyckoff wood	Iron
477	Pub.	8.5	10-4	325	108	0	74	0	Wyckoff wood and cast iron	Iron
478	Co.	4.2	10-4	56		0	29	18	Cast iron	

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
479	Oconto, Wis.	4,171	P. T.	Mar. 1884			unknown
480	Carthage, Mo.	4,167	P. T. P. D.	July, 1884	4,000	9,000	300,000
481	Everett, Mass.	4,159	G.	July, 1884	1,100	Supplied	from Boston
482	West Springfield, Mass.	4,149	G.	July, 1884			unknown
483	Mendota, Ill.	4,142	P. T.	July 1884	Fire	protection	only
484	Goshen, Ind.	4,123	P. R. P. D.	July, 1884	2,700	2,000	200,000
485	Arlington, Mass.	4,100	G.	Dec. 1881	1,130	9,568	unknown
486	Lyons, Iowa.	4,095	P. R.	Dec. 1883	1,300	1,500	172,800
487	Sunbury, Pa.	4,077	P. R.	July 1884	1,500	completed	in 1884
488	St. Johns, Que.	4,070		no returns			
489	Frostburg, Md.	4,057	G.	July, 1884	350	1,700	25,000
490	Franklin, Mass.	4,051	P. T.	Sep. 1884	Just	completed	
491	Cortland, N. Y.	4,050	P. T. P. D.	Sep. 1884	Just	completed	
492	Lindsay, Ont.	4,049	P. D.	July, 1882	.		unknown
493	Salem, Ohio.	4,041	P. T.	Dec. 1882			unknown
494	Nevada City, Cal.	4,022	G.	July, 1884	5,000	11,000	680,000
495	Waukegan, Ill.	4,012	G.	July, 1884			
496	Warren, R. I.	4,007	P. T.	Supplied	from	Bristol,	R. I.
497	Truro, N. S.	4,000	G. P. D.	July, 1884	900	1,000	unknown
498	Victoria, Tex.	4,000	P. T.	May, 1884	In progress		
499	Chicopee Falls, Mass.	4,000	P. R.	Feb. 1884		803	unknown
500	Dayton Soldiers Home, O.	4,000	P. T.	May, 1883		none	400,000
501	Bellefontaine, Ohio.	3,998	G.	Feb. 1884	In progress		
502	Lexington, Mo.	3,996	P.	Sept. 1884	works	just	completed
503	Denison, Tex.	3,975	P.	July, 1884	In progress		
504	Columbus, Miss.	3,955	P. R.	Dec. 1882	1,150	900	25,000
505	Kenton, Ohio.	3,940	P. D.	Dec. 1882	2,387	3,523	unknown
506	Lée, Mass.	3,939	G.	July, 1884			unknown
507	Oneida, N. Y.	3,934	G.	July, 1884			unknown
508	Negaunee, Mich.	3,931	P. D.	July, 1884			

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption. per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe Mains.	Kind of Pipe Services
479	Co.	1.4		20		0	4	0	Wyckoff wood	Iron
480	Co.	8	12-4	430	698	4	55	\$3,125 for all	Cast iron	Iron
481	Pub.	15		579			68		Sheet iron and cement	Lead
482	Co.	8	16-6			0	14	1,000 for all	Sheet iron and cement	Cement-lined iron.
483	Pub.	1.3	8-6	0		0	12	0	Cast iron	
484	Pub.	6.3	12-4	225	889	0	67	35	Wyckoff wood	Gal. iron
485	Pub.	14	12-4	588		0	98	10	Cast iron & sheet iron and cement	Cement-lined iron
486	Co.	3.5	10-2	95		0	35	3,000 for all	Cast iron and wrought iron	
487	Co.	11		175			40	1,500 for all	Cast iron	Gal. iron
488		nore	turns							
489	Co.	4	8.4	200	125	0	22	120 for all	Cast iron	Gal. iron
490	Co.	5.5	12-4				50	48	Sheet iron and cement	Cement-lined iron
491	Co.	7	12-4	225			40	50	Cast iron	Iron
492	Pub.	4	8-6				12			
493	Co.	4	5-3	275		0			Cast iron	Gal. iron
494	Co.	4		300	2,267	1	26	100	Cast iron	Iron
495	Pub.	6	6			0	25	0	Cast iron and wood	
496	Co.		see	Bristol						
497	Pub.	5.5	8-4	220		0	35	0	Cast iron	Enameled and gal. iron and lead
498	Pub.	4	8-4				40		Cast iron	
499	Co. Pub.	0.4	8-3	200		0	40	365 for all	Cast iron	Iron
500	Pub.	3	10-4	75	5,333	0	22	0	Cast iron	Iron
501	Pub.		In progress							
502	Co.	6					50	80	Spiral sheet iron	Gal. iron
503	Co.	7.5	In progress				75	100	Cast iron	Lead
504	Pub.	1.5	6	85	294	0	18		Cast iron	
505	Co.	5	16-4	100		0	42	100	Cast iron	Lead
506	Co.	5	10-1	200		0	0	0	Sheet iron and cement	Iron, plain and cement-lined
507	Co.	10					68		Cast iron	Lead
508	Pub.	3				1	20			

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
509	Concord, Mass.	3,922	G.	Oct. 1881	700		unknown
510	Greenfield, Mass.	3,903	G.	Apr. 1882	1,485	7,032	100,000
511	Santa Cruz, Cal.	3,898	G.	Dec. 1882	3,000	9,600	250,000
512	Warren, Mass.	3,889	G.	no returns			
513	Nyack, N. Y.	3,881	P.	no returns			
514	Clarksville, Tenn.	3,880	P. T.	Dec. 1882			unknown
515	Rome, Ga.	3,877	P. B.	July, 1884	3,700	5,500	200,000
516	Ansonia, Conn.	3,855	P. D.	Aug. 1884			96,000
517	Boonville, Mo.	3,854	P. B. P. T.	Aug. 1884	1,600	2,100	200,000
518	Painesville, O.	3,841	P. T.	Dec. 1882			
519	Bucyrus, O.	3,835	P. D.	Mar. 1884	works	just	completed
520	Long Branch, N. J.	3,833	P. B.	Jan. 1884			625,000
521	Sidney, O.	3,823	P. D.	Mar. 1882	300	560	8,000
522	Lyons, N. Y.	3,820	P. B.	Mar. 1882			unknown
523	Towanda, Pa.	3,814	G. P.	no returns			
524	Winchester, Mass.	3,802	G.	July, 1884	2,000	11,000	120,000
525	Deadwood, Dak.	3,777	G.	no returns			
526	Canton, Ill.	3,762	P.	July, 1884	1,000	1,000	30,000
527	Red Oak, Ia.	3,755	P. D.	Sept. 1884			
528	Mauch Chunk, Pa.	3,752	G.	Dec. 1881	750		unknown
529	Hudson, Mass.	3,739	G.	Apr. 1884	In progress		
530	Napa, Cal.	3,731	P. B.	Feb. 1884	works	just	completed
531	Nantucket, Mass.	3,727	P. T.	July, 1884	2,500	4,000	30,000
532	South Norwalk, Conn.	3,726	G.	July, 1882			unknown
533	Renovo, Pa.	3,708	G.	Aug. 1884		2,800	unknown
534	Bloomsburg, Pa.	3,702	P. B.	July, 1884	2,400		160,000
535	New Castle, Del.	3,700	P. B.	Dec. 1882	2,500	8,000	450,000
536	Atlantic, Ia.	3,662	P. D.	Feb. 1884		6,500	
537	Dixon, Ill.	3,658	P. T.	May, 1884			
538	New Brighton, Pa.	3,653	P. B.	July, 1884	2,500	5,600	259,200

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipe Inches.	No. of Taps.	Daily Con- sumption per Tap.	No. of Meters	No. of Fire Hy- drants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains.	Services.
509	Pub.	7		300		0	50		Cast iron & sheet iron and cement	
510	Pub.	12.5	8-3	534	187	2	41	0	Cast iron	Gal. iron
511	Co.	16	12-4	450	556	0	45	0	Wrought iron	Iron
512	Co.	nore	turns							
513		nore	turns							
514	Co.	5.5	8-4	151		3	40	50	Cast iron	Lead and iron
515	Pub.	7.5		400	500	4	60	0	Cast iron	
516	Co.	nore	turns					28	Sheet iron and cement	
517	Co.	6	10-4	187	1,070	0	50	60	Cast iron	Iron
518	Co.	6	12-4			0	50	60	Cast iron	Iron
519	Co.	10	12-4	0		0	74	4,380 for all	Wyckoff wood	Lead and Wyckoff wood
520	Co.	8	16-4	250	2,500		50		Cast iron	
521	Pub.	5	12-4	150	53	0	40	0	Cast iron	Lead & iron
522	Co.	1.5	6-2	100		0	0		Cast iron	Iron
523	Co.	nore	turns							
524	Pub.	17	12-4	650	185	0	75	15	Sheet iron and cement	Cement- lined iron
525	Co.	nore	turns							
526	Pub.	1.1		28	1 071	0	16	0	Cast iron	
527	Pub.	6	10-6	450			40	0	Wrought iron	Lead and iron
528	Co.	4	10-2	430		0	28	10	Cast iron	
529	Pub.	8.5	14-4				65		Sheet iron and cement	
530	Co.	5.5	12-3	120		3	28	48	Cast iron	Black iron
	Co.	7	8-2	337	89	0	31	812 for all	Cast iron	Lead and gal. iron
531	Pub.	9	12-2			1	58	30	Cast iron	Lead, iron and brass
532	Pub.	6	13-6	500		0	30	0	Sheet iron and cement	Iron
533	Co.	6	10-2	300	533	5	42	20	Cast iron	Gal. iron
534	Co.	8.5	12-4	507	887	0	40	0	Cast iron	Lead
535	Co.	5.5	20-8				68	60	Cast iron	Iron
536	Co.	6.5	12-4			0	65		Cast iron	
537	Co.	7	10-3	220	1,178	0	50	50	Cast iron	Lead

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
539	Dansville, N. Y.	3,625	G.	May, 1882			unknown
540	Santa Rosa, Cal.	3,616	G.	May, 1883	6,790	8,747	unknown
541	Connellsville, Pa.	3,609	G.	Dec., 1883			unknown
542	Walla Walla, Wash.	3,588	G.	Dec., 1882	1,800		unknown
543	Fort Dodge, Ia.	3,586	P. D.	Dec., 1882	1,700	1,300	unknown
544	Hot Springs, Ark.	3,554	P. R.	Nov. 1882			unknown
545	Big Rapids, Mich.	3,552	P. D.	Mar., 1882			264,000
546	Seattle, Wash.	3,533	P. R.	July, 1884			200,000
547	Laredo, Texas.	3,521	P. D.	Mar., 1884	Just completed		20,000
548	Geneseo, Ill.	3,518	P. D.	July, 1884	1,400	335	unknown
549	Sarnia, Ont.	3,500	P. D.	Dec., 1883	3,215	5,109	385,112
550	Conemaugh, Pa.	3,498		no returns			
551	Fayetteville, N. C.	3,485	G.	July, 1884		500	8,000
552	Duluth, Minn.	3,483	P. R.	Mar., 1884			
553	Penn Yan, N. Y.	5,475	P. T.	July, 1884	In progress		
554	Susquehanna, Pa.	3,467	G.	Oct. 1884	50	600	unknown
555	Santa Barbara, Cal.	3,460	G.	Dec. 1882	3,000		200,000
556	Cheyenne, Wyo.	3,456	G. P. D.	no returns			
557	Brazil, Ind.	3,441	P. D.	Feb. 1884	2,000	1,600	135,000
558	Yankton, Dak.	3,431	G.	Feb. 1884			
559	Columbia, Tenn.	3,400	P. R.	July, 1884		Just	completed
560	Logan, Utah.	3,396	G.	Mar. 1882	100	300	5,000
561	Wellsville, Ohio.	3,377	P. R.	Nov. 1882			unknown
562	Corsicana, Tex.	3,373	P. T.	Feb. 1884	Works	just	completed
563	Butte City, Mont.	3,363	G.	no returns			
564	St. Johnsbury, Vt.	3,360	P. D.	Dec. 1883	3,419	5,468	unknown
565	Boone, Iowa.	3,330	P. T.	July, 1884		Just	completed
566	Torrington, Conn.	3,327	G.	July, 1884	700	4,500	
567	Petaluma, Cal.	3,326	G.	Dec. 1882	4,000	13,000	300,000
568	Niagara Falls, N. Y.	3,320	P. D.	Dec. 1883	3,855	6,629	500,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe. Main.	Services.
539	Pub.	4	10-4	0		0	40	0	Wyckoff wood	
540	Co.	11	7-1	485			23	0	Sheet iron	Iron
541	Co.	5	8-4	50			57		Cast iron	Lead
542	Co.	8	10-3	250		0	0		Riveted wrought iron	Iron
543	Pub.	1.9	10-4	63		0	25		Cast iron	Lead and iron
544	Co.	6	12-6	250		0	40	\$100	Cast iron	Lead and iron
545	Pub.	3.5	8-4	209	1,263	0	25	0	Cast iron	Lead
546	Co.	5	12-6			3	20	750	Wrought iron	Iron
547	Co.	7	10-4	100	200	0	100	75	Kalamein wrought iron	Gal. iron
548	Pub.	0.5	6	30		0	16	0	Cast iron	Iron
549	Pub.	11	12-4	666	578	2	84	0	Cast iron	Lead and gal. iron
550		nore	turns							
551	Co.	2	3			0	12	0	Wood	Wood
552	Co.	8	12-4	200		4	72	100	Kalameined wrought iron	Kalameined iron
553	Co.	5.5	12-4	In progress			40		Cast iron	
554	Co.	1.5	6-2	100		0	15	0	Cast iron	Gal. iron
555	Co.	8	6-2	400	500	0	13		Cast iron & wrought iron	Gal. & asphalted iron
556	Pub.	nore	turns							
557	Pub.	3	8-6	97	1,392	0	29	0	Cast iron	Iron
558	Pub.	2	10-4				12	0	Wyckoff wood	
559	Co.	6	8-3	105			44	3,000 for all	Kalameined wrought iron	
560	Pub.	2	10-4	11	454	0	13	0	Cast iron and wood	Gal. iron
561	Pub.	6	8-1	400		0	42		Cast iron & wrought iron	Lead
562	Co.	5	10-4			0	87	4,000 for all	Kalameined wrought iron	Kalameined iron
563	Co.	nore	turns							
564	Pub.	9.9	12-4	333		0	77	0	Cast iron	Iron
565	Pub.	1.7	8-6				18	50	Cast iron	
566	Co.	8		300		0	25	0	Cast iron	Iron
567	Co.	10		670		0	17	0	Cast iron & riveted wrought iron	Iron
568	Co.	5	12-4	400	1250	0	36	50	Cast iron	Iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption. Gallons.
569	Chico, Cal.	3,300	P.	Oct. 1883	3,600	9,800	200,000
570	Brandon, Vt.	3,280	G.	July, 1884	729	4,946	unknown
571	Joliette, Que.	3,268	P. D.	July, 1884	800	5,600	75,000
572	Uniontown, Pa.	3,265	G.	Feb. 1884			
573	Minersville, Pa.	3,249	G.	no returns			
574	Connersville, Ind.	3,228	P. D.	May, 1882		1,000	unknown
575	Thomaston, Conn.	3,225	G.	July, 1884	200	2,800	unknown
576	Lewistown, Pa.	3,222	G. P. R.	no returns			
577	Pueblo, Colo.	3,217	P. D.	Feb. 1882	6,000	11,000	367,000
578	Princeton, N. J.	3,209	P. T.	Oct. 1884	2,873	3,971	80,000
579	Marion, Ind.	3,182	P. D.	July, 1884	2,000	3,000	250,000
580	Paris, Ont.	3,173	P. R.	Feb. 1884	works	complete	d Dec. 1883
581	Butler, Pa.	3,163	P.	no returns			
582	Hallowell, Me.	3,154	G.	Feb. 1884			
583	Hollidaysburg, Pa.	3,150	G.	Dec. 1881	228		unknown
584	Independence, Mo.	3,146	P. R. P. T. P. D.	July, 1884	2,500	8,000	250,000
585	Dundas, Ont.	3,135	P. R.	no returns			
586	Salina, Kan.	3,111	P. D.	July, 1884	3,000	2,000	unknown
587	Uxbridge, Mass.	3,111	G.	July, 1884	100	2,000	2,000
588	Somerville, N. J.	3,105	P. S.	Aug. 1882			260,000
589	Fort Smith, Ark.	3,099		no returns			
590	Birmingham, Ala.	3,086	P. R.	July, 1884	8,000	30,000	1,500,000
591	Fairfield, Ia.	3,086	P. S.	July, 1884	works	just	completed
592	Lewisburgh, Pa.	3,080	P. T.	Feb. 1884	complete	Dec. 1883	30,000
593	Boulder, Colo.	3,069	G.	July, 1884	1,000	5,500	unknown
594	Catasauqua, Pa.	3,065	P. S.	July, 1884	500	2,600	208,000
595	Archbald, Pa.	3,049	G.	Feb. 1884	75	1,300	unknown
596	Farmington, N. H.	3,044	P. R.	Feb. 1884			unknown
597	Olean, N. Y.	3,036	P. R.	Apr. 1884	3,776	3,438	unknown
598	Sycamore, Ill.	3,028	P.	Dec. 1882			unknown

No.	Owner-ship.	Miles of Pipes.	Sizes of Pipe Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Kind of Pipe	
									Main.	Services.
569	Co.	3		274	730	0	33	\$200 for all	Cast iron	
570	Pub.	8	12-6	280		0	35		Cast iron	Gal. iron
571	Pub.	11	8-4	550	136	0	29	42	Cast iron	Lead
572	Co.	6.5	8-4				38		Cast iron	Lead
573	Co.	nore	turns							
574	Pub.	3	8-4	175		0	65	0	Cast iron	Lead
575	Co.	5.8	12-1	192		12	32	600 for all	Cast iron	Wrought iron
576	Co.	nore	turns							
577	Pub.	8	8-4	465	789	0	75		Cast iron	Gal. iron and lead
578	Co.	5	10-4	130	615	20	36	20	Cast iron	Gal. iron
579	Pub.	6	12-4	303	825	0	46	35	Cast iron	Lead and gal. iron
580	Pub.	4	8-6				25	0	Cast iron	
581	Co.	nore	turns							
582	Co.	2.5	2 $\frac{1}{2}$ ³ / ₄						Wrought iron rubber coated	Gal. iron
583	Pub.	8	5-3			0	45		Wyekoff wood	
584	Co.	8.5		200	1,250	0	50	80	Cast iron	Lead and wrought iron
585	Pub.	3								
586	Co.	5	12-6	100		2	48	100	Cast iron	Iron
587	Pub.	3		100	20	2	20	50	Cast iron	Iron
588	Co.	6.5	12-3	180	1,388	0	42	28	Cast iron	Lead
589		nore	turns							
590	Co.	17	8	968	1,550	50	34	1,950 for all	Cast iron	Wrought iron
591	Pub.	4.5				0	32	50	Cast iron	Iron
592	Co.	5.5	10-4	76	395	1	43	1,200 for all	Cast iron	Gal. and plain iron
593	Pub.	7	10-3	400		0	38	0	Cast iron	Gal. iron and lead
594	Co.	3.8	12-8	320	650	0	42	12.50	Cast iron	Lead
595	Co.	3	10-3	100		0	8	0	Cast iron	Iron
596	Pub.		8-4				12	0	Sheet iron and cement	Iron
597	Pub.	10	12-4	254		6	75	0	Cast iron	Iron
598	Pub.	1		3		0	10	0		

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
599	Bellefonte, Pa.	3,026	P. R.	Dec. 1882	3,800	4,500	300,000
600	Birmingham, Conn.	3,026	G.	July, 1884	2,200	8,300	unknown
601	Tarrytown, N. Y.	3,025	P. R.	May, 1882			unknown
602	South Abington, Mass.	3,024	P. T.	July, 1884			
603	Windsor, N. S.	3,019	G.	Feb. 1884			
604	Mechanicsburg, Pa.	3,018	G.	Feb. 1884	850	3,800	
605	Wallingford, Conn.	3,017	G.	July, 1884			
606	Ballston Spa, N. Y.	3,011	G.	July, 1884	150	4,500	600,000
607	Oneonta, N. Y.	3,002	G.	July, 1884			unknown
608	Palestine, Texas.	2,997	P. S.	July, 1884	6,000	15,000	320,000
609	Fort Edward, N. Y.	2,988	G.	no returns			
610	Decorah, Ia.	2,951	P. R.	July, 1884			
611	East Portland, Ore.	2,934	P.	July, 1884			250,000
612	Monongahela, Pa.	2,904	P. R.	July, 1884	In progress		
613	Brampton, Ont.	2,900	G.	July, 1884	0	2,300	100,000
614	Charleston, Ill.	2,867	P. D.	Dec. 1882	2,000	3,000	166,000
615	Winston, N. C.	2,854	P. R.	July, 1884	400	2,800	75,000
616	Crestline, Ohio.	2,848	G.	Dec. 1882	600	1,600	unknown
617	Winfield, Kan.	2,844	P. R.	Aug. 1884	2,000	5,500	unknown
618	Havre de Grace, Md.	2,816	P. R.	Feb. 1884	Works	just	finished
619	Gettysburg, Pa.	2,814	G.	Oct. 1882		1,000	unknown
620	Dover, Del.	2,811	P. D.	Sept. 1882			unknown
621	Warren, Pa.	2,810	P. R.	July, 1884	4,000	10,000	
622	Astoria, Oregon.	2,803	G.	Sept. 1884			
623	Prairie du Chien, Wis.	2,777	G.	July, 1884	50	600	unknown
624	Lexington, Va.	2,771	G.	Dec. 1882	300	74	50,000
625	Waverly, N. Y.	2,767	G.	July, 1884			
626	Coatsville, Pa.	2,766	G.	Dec. 1882	475	2,500	120,000
627	Bristol, Conn.	2,763		Nov. 1884	In progress		
628	Potsdam, N. Y.	2,762	P. D.	July, 1884	375	2,000	150,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Main.	Kind of Pipe.	Services.
599	Pub.		6-2				40	0		Cast iron	Plain and gal iron & lead
600	Co.	7	8	350		1	44	30		Cast iron & sheet iron and cement	Gal. iron
601	Pub.	2.5	8-4				15			Cast iron	
602	Pub.	8		145		50	60	25		Sheet iron and cement	Iron
603	Pub.	8	10-4	240			44	0		Cast iron	Iron and lead
604	Co.	2	10-6	500		1	23	250 for all		Cast iron	Gal. iron and lead
605	Pub.	12	8-4	415		1	65	15		Cast iron	Lead
606	Pub.	11	12-2	400	1,500	2	62	0		Sheet iron and cement	Cement-lined iron
607	Co.	5	10-4	259		0	39	830 for all		Cast iron	Iron
608	Co.	7	12-6	162	1,975	7	11	100		Cast iron	Iron
609	Co.	none turns									
610	Pub.	1.6	8-6	15		0	18	0		Cast iron	Gal. iron
611	Co.	12				3	20	120		Cast iron and wrought iron	Black and gal. iron
612	Co.		In progress								
613	Pub.	6.5	12-6	92	1,087	0	43	0		Cast iron	Lead
614	Pub.	6	8-4	250	664	1	30	0		Cast iron	Lead & gal. iron
615	Co.	4	10-4	92	815	3	40	20		Cast iron	Iron
616	Pub.	10	8-4	100		0	28	0		Wyckoff wood	Gal. iron
617	Co.	6.5	12-4	165		5	62	75		Cast iron	Gal. iron
618	Co.	4	6-4	50		0	35	500 for all		Lap-welded wrought iron	Iron
619	Co.	2		150		0	4				
620	Pub.	2.5	8-4			0	28			Cast iron	Gal. iron
621	Co.	7					50	20		Cast iron	Iron
622	Co.	15	6							Wrought iron	Gal. iron
623	Co.	0.3	6	18		0	7	30		Cast iron	Lead
624	Pub.	3	3	400	125	0	9	0		Cast iron	
625	Co.	6	12-4	200		0	20	1,825 for all		Cast iron	Gal. iron
626	Pub.	4.7	12-4	411	292	0	52	0		Cast iron	Lead
627	Co.		In progress								
628	Pub.	4		300	500	0	36	0		Sheet iron and cement	Iron

No.	Name of Town.	Population 1890.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
629	Ellenville, N. Y.	2,750	G.	July, 1884	675	1,182	
630	South Hadley Falls, Mass.	2,750	G.	July, 1884	300	3,000	
631	Golden, Colo.	2,730	P. D.	July, 1884	4,000	4,000	200,000
632	Great Barrington, Mass.	2,715	G.	Oct. 1881			unknown
633	Bodie, Cal.	2,712	P.	Dec. 1882	3,000	7,500	10,000
634	Wellington, Kan.	2,694	P. S. P. D.	Sept. 1884	works	just	completed
635	Fargo, Dak.	2,693	P. D.	July, 1884			222,897
636	Fredonia, N. Y.	2,692	G.	Sept. 1884	works	jnst	completed
637	Red Bank, N. J.	2,684	P. R. P. D.	Nov. 1884	In progress		
638	Tyrone, Pa.	2,678	G.	July, 1884			
639	Gainsville, Tex.	2,667	P. D.	Mar., 1884	works	just	completed
640	Mishawaka, Ind.	2,640	P. D.	July, 1884	500	250	unknown
641	San Diego, Cal.	2,637	P. R.	Dec. 1881	14,828	17,976	80,000
642	Central City, Colo.	2,626	G.	no returns			
643	Kittanning, Pa.	2,624	P. R.	no returns			
644	Honesdale, Pa.	2,620	G.	Dec. 1882	1,600	3,000	120,000
645	Asheville, N. C.	2,616	G.	Oct. 1883			
646	Newton, Kan.	2,601	P. T.	July, 1884	2,000	7,500	200,000
647	Menomonee, Wis.	2,589		no returns			
648	Goshen, N. Y.	2,557	G.	July, 1884	150	2,600	unknown
649	Longueuil, Que.	2,550	P. D.	Feb. 1884			115,000
650	Stamford, Conn.	2,540	G.	Dec. 1882			unknown
651	Salem, Oregon.	2,538	P. R.	July, 1884			2,200,000
652	Salamanca, N. Y.	2,531	G.	Dec. 1882		1,000	unknown
653	Three Rivers, Mich.	2,525	P. D.	no returns			
654	Hempstead, N. Y.	2,521	P. T.	July, 1884	500		180,000
655	Westminster, Md.	2,507	P. R.	Feb. 1884	com	pleted	Sept. 1883
656	Hackettstown, N. J.	2,502	G.	Aug. 1882	359	4,391	
657	Durango, Colo.	2,500	P. R.	Dec. 1884	works	just	completed
658	Raton, N. M.	2,500	G. P. R.	Dec. 1881			

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption. per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe Mains.	Services
629	Pub.	4.8	8-4	187		0			Cast iron	Gal. iron
630	Pub.	6		400		0	70	0	Cast iron	Lead
631	Pub.	6	12-4	300	667	0	30	0	Cast iron	Lead
632	Co.	3	6-2	225		0	21		Cast iron and wrought iron	
633	Co.	1		12	834	0	10			
634	Co.	7					50	60	Cast iron	Black and gal. iron
635	Co.	9.5	12-2	413	540	12	80 4	100 80	Cast iron	Iron
636	Pub.	9	10-4	75			56	0	Cast iron	Iron
637	Pub.		In progress							
638	Co.	4	10-4	400		0	25	2	Cast iron and Wyckoff wood	Gal. and black iron
639	Co.	6	16-4			0	57	100	Cast iron	Iron
640	Pub.	2	8-4			0	15	0	Cast iron	Iron
641	Co.	6	5	300	267	51	5	0	Riveted sheet iron	Iron
642	Co.	noreturns								
643	Co.	noreturns								
644	Co.	8		350	343	0	8		Cast iron	
645	Pub.	1.5	10-4				5		Cast iron	
646	Co.	5.5	12-4	200	1,000	2	50	50	Cast iron	Gal. iron
647		noreturns								
648	Pub.	6	12-4	230		0	45	1,000 for all	Sheet iron and cement	Lead
649	Pub.	7	10-4	500	230	0	39	0	Cast iron	Lead
650	Co.	16	16-4	625		0	62	31.25	Sheet iron and cement	Gal. iron
651	Co.	9	6-3			0	44		Wood and cast iron	Gal. iron
652	Co.	3	10-4	40		0	20		Cast iron	
653	Pub.	4					33			
654	Co.	5.3		2	90,000	0	24	0	Cast iron	Iron
655	Co.	5	8-4	175		0	40	25	Cast iron and wrought iron	Gal. iron
656	Pub.	10	10-3	260	770	0	40		Cast iron	Gal. iron
657	Pub.	2.5	10-6	70		0	52	0	Cast iron	Gal. iron
658	Co.	6.1	8-2						Wrought iron	

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Return.	Expenses Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
659	Swampscott, Mass.	2,500	P. R.		Supplied from Lynn		
660	Union City, Ind.	2,478	P.	no returns			
661	Suspension Bridge, N. Y.	2,476	P. D.	no returns			
662	Maquoketa, Ia.	2,467	P. S. P. D.	July, 1884	Works	just	completed
663	St. Cloud, Minn.	2,462	P. D.	July, 1884			
664	Lexington, Mass.	2,460	P. T.	Aug. 1884	In progress		
665	Tyler, Texas.	2,423	P. T. P. D.	Dec., 1883	1,500	900	80,000
666	Adams, Mass.	2,388	G.	July, 1884			800,000
667	Clyde, Ohio.	2,380	P. T. P. D.	no returns			
668	Mt. Carmel, Pa.	2,378	P.	no returns			
669	Abilene, Kan.	2,360	P. D.	July, 1884	2,000	2,200	
670	Stockbridge, Mass.	2,357	G.	July, 1884			
671	Sandwich, Ill.	2,352	P. T. P. D.	Feb. 1884	Works	just	completed
672	Niagara Falls, Ont.	2,347	P. R.	Dec. 1882	500	1,400	90,000
673	Athens and Sayre, Pa.	2,321	P. R.	July, 1884	In progress		
674	Brainerd, Minn.	2,319	P. D.	July, 1884			
675	Hanover, Pa.	2,317	G.	July, 1884	1,000	2,800	30,000
676	Albuquerque, N. M.	2,315	P. R.	June, 1884	In progress		
677	Carrollton, Mo.	2,313	P.	no returns			
678	Allegan, Mich.	2,305	P. D.	July, 1884	1,500	1,200	
679	Maynard, Mass.	2,291			In progress		
680	Olathe, Kan.	2,285	P. D.	July, 1884	In progress		
681	San Rafael, Cal.	2,276	G.	July, 1884	25,000	34,500	unknown
682	Cheboygan, Mich.	2,269	P. D.	July, 1884	2,796	382	150,000
683	Woodland, Cal.	2,257	P.	no returns			
684	San Luis Obispo, Cal.	2,243	G.	Sept. 1884			250,000
685	The Dalles, Oregon.	2,232	G.	Sept. 1884			
686	Bellows Falls, Vt.	2,229	G.	May, 1882	1,060	4,125	unknown
687	Trinidad, Colo.	2,226	P. R.	July, 1884		10,500	250,000
688	Agawam, Mass.	2,216	G.	Sept. 1882		540	unknown

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipes Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Maine.	Kind of Pipe.	Services.
659	Pub.	3.5					30	500 for all		Sheet iron and cement	
660	Pub.	nore	turns					0		Wyckoff wood	
661	Pub.	nore	turns								
662	Pub.	1		50		0	14	0		Cast iron & wrought iron	Iron
663	Pub.	1	8-6			0	14	0		Cast iron	Iron
664	Co.	5.5	8-4			0	31	1,030 for all		Cast iron	Lead
665	Co.	2	8-4	50	1,600	0	15	80		Cast iron	Iron
666	Pub.	10	12-4	600	1,333	14	154	0		Cast iron	Iron
667	Pub.	2	12-4				18			Cast iron	
668		nore	turns							Cast iron	
669	Co.	4	10-6	125		7	31	100		Cast iron	Lead and iron
670	Co.	3	4-1	100		0	1	0		Cast iron	Gal. iron
671	Pub.	1	8-6			0	13	0		Kalameined wrought iron	Kalameined iron
672	Co.	3	6-3	200	450	0	3	75		Cast iron	Iron
673	Co.	10	12-4							Cast iron	Gal. iron and lead
674	Co.	11		200			61	75		Wrought iron	Gal. iron
675	Co.	6	8-4	275	109	2	26	130		Cast iron	Iron
676	Co.	5.5	10-	In progress			55	100		Kalameined wrought iron	Gal. iron
677		nore	turns								
678	Pub.	6	12-4			0	50			Cast iron	Iron
679			In progress								
680	Pub.	1.8	8				8			Cast iron	
681	Co.	15	8- $\frac{1}{2}$	450		19	36	120 for all		Sheet iron	Iron
682	Pub.	3	12-4	100	1,500	0	22	0		Wyckoff wood	Lead
683	2 Cos.	nore	turns								
684	Co.	9	7-2	250	1,000	0	22	0		Cast iron	
685	Co.	1.5	8-4			0	6	100		Cast iron	Iron
686	Pub.	6	8-2	500		12	40	1,000 for all		Cast iron	Iron
687	Co.	8	12-4	375	6,666	150	40	100 70		Cast iron	Iron
688	Co.	3.5	6-4	45		0	0			Sheet iron and cement	Gal. iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption. Gallons.
689	Cadillac, Mich.	2,213	P.	no returns			
690	Fair Haven, Vt.	2,211	G.	Dec. 1883	452	2,429	unknown
691	Lansford, Pa.	2,206	G.	July, 1884	500	3,000	
692	Cooperstown, N. Y.	2,199	P. D.	Jan. 1883			250,000
693	Keeseville, N. Y.	2,181	P. D.	May, 1884			
694	Windsor, Vt.	2,175	G.	no returns			
695	Union City, Pa.	2,171		no returns			
696	Bellevue, O.	2,169	P. S.	Oct., 1883	965	1,095	unknown
697	Sioux Falls, Dak.	2,164	P. T.	Nov. 1884	works	just	completed
698	Attica, Ind.	2,150	P. R.	July, 1884	1,500	1,200	100,000
699	Winthrop, Me.	2,146			In progress		
700	Washington, N. J.	2,142	G.	1883			
701	Buena Vista, Colo.	2,141	G.	Dec. 1883	works	just	completed
702	Brookville, Pa.	2,136	P. T.	Feb. 1884	works	just	completed
703	Tecumseh, Mich.	2,111	P.	no returns			
704	Red Bluff, Cal.	2,106	G. P. S. P. T.	Sept. 1884			500,000
705	Milton, Pa.	2,102	P. R.	Oct., 1883	works	just	completed
706	Berwick, Pa.	2,095	P. R.	Apr. 1882			unknown
707	Anamosa, Ia.	2,083	P. R. P. D.	July, 1884	1,000	3,000	30,000
708	Gouverneur, N. Y.	2,071	P. D.	July, 1884	400	2,500	unknown
709	Doylestown, Pa.	2,070	P. R.	no returns			
710	Mt. Joy, Pa.	2,058	P. R.	July, 1884	800	2,500	
711	Sewickley, Pa.	2,053	G.	July, 1884	1,000	3,850	72,000
712	Dalton, Mass.	2,052	G.	July, 1884	In progress		
713	Wellsville, N. Y.	2,049	G.	July, 1884		3,000	unknown
714	New Lisbon, O.	2,028	G.	July, 1884	75	140	800
715	Canajoharie, N. Y.	2,013	G. P. R.	July, 1884	100	1,000	85,000
716	Bedford, Pa.	2,011	G.	Apr. 1882	320	4,200	40,000
717	Terrell, Texas.	2,003	P. T.	Sep. 1884	works	just	completed
718	Wayne, Pa.	2,000	P. R.	July, 1884	800		32,500

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Con- sumption per Tap.	No. of Meters	No. of Fire hy- drants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains. Services.	
689	Co.	nore	turns							
690	Pub.	9	10-1	225		0	25	0	Cast iron	Iron
691	Co.	8	12-6	210		0	3	0	Cast iron	Iron
692	Co.	3.5	8-4				22	\$25	Cast iron	Lead and iron
693	Pub.	5	10-4	100			47	0	Cast iron	Iron
694	Co.	nore	turns							
695		nore	turns							
696	Pub.	2.3	10-4			0	12	0	Wyckoff wood	Iron
697	Co.	5	12-4	40			43	3,195 for all	Cast iron	Lead
698	Pub.	8	10-4	200	500	0	10	0	Cast iron	
699		In progress								
700	Co.	5	10-4	60			30		Cast iron	
701	Pub.	2.8	10-4				10		Kalameined wrought iron	
702	Co.	1.5	8-4	9		0	10	25	Cast iron	Lead
703	Pub.	nore	turns							
704	Co.	17	7-2	370	1,351	0	30		Double riveted sheet iron	Gal. iron
705	Co.	6.5	12-4			0	37	1,000 for all	Cast iron	Gal. iron
706	Co.	2		300		0	2	0	Cast iron	Lead and iron
707	Co.	2	6-4	100	300	0	10		Cast iron	Iron
708	Co.	1.5	6-4	125			16	600 for all	Sheet iron and cement & cast iron	Gal. iron
709	Pub.	nore	turns							
710	Pub.	3.7	8-4	220		0	26	0	Cast iron	Gal. and black iron
711	Pub.	12		384	187	0	36	0	Cast iron	Lead and gal. iron
712	Pub.	In progress							Cast iron	
713	Co.	3.5		180		0	31	40	Wrought iron and cast iron	Iron
714	Pub.	1.5	10-4	21	38	0	21	0	Cast iron & Wyckoff wood	Iron
715	Co.	2	12-2	118	720	0	11	200 for all	Cast iron	Lead
716	Pub.	7	4	214	187	0	16		Cast iron	
717	Co.	2.3	10-4			0	32		Kalameined wrought iron	
718	Co.	2.5	8-4	17	1,912	0	18		Cast iron	Lead

No.	Name of Town.	Population 1880	Mode of Supply	Year of Returns	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
719	Woodstock, N. B.	2,000	P. D.	July, 1884	2,400	2,000	30,000
720	St. Louis, Mich.	1,975	P. D.	July, 1884	450	800	unknown
721	West Haven, Conn.	1,975	P. R.	July, 1884			unknown
722	Columbus, Texas.	1,959	P. T.	May, 1884			
723	Placerville, Cal.	1,951	G.	no returns			
724	Attica, N. Y.	1,935	G.	July, 1884			unknown
725	Plainville, Conn.	1,930	G.	July, 1884			
726	Geneseo, N. Y.	1,925	G. P.	no returns			
727	Media, Pa.	1,919	P. R.	Dec. 1882	1,200	4,028	125,000
728	Wingham, Ont.	1,918	P. D.	Dec. 1882	350	none	unknown
729	West Brookfield, Mass.	1,917	G.	no returns			
730	Nevada, Mo.	1,913	P. R.	July, 1884	In progress		
731	Warsaw, N. Y.	1,910	G.	July, 1884	100	1,200	unknown
732	Irvington, N. Y.	1,904	P. R.	July, 1884	works	just	completed
733	Mt. Morris, N. Y.	1,899	G.	Feb. 1884			60,000
734	Traverse City, Mich.	1,897	P. D.	July, 1884	2,000	5,000	60,000
735	Rochelle, Ill.	1,893	P. D.	June, 1882			
736	Waynesboro, Pa.	1,888		no returns			
737	Greenville, Ill.	1,886	P. D.	Oct. 1884	works	just	completed
738	Centralia, Pa.	1,886	P.	no returns			
739	Monticello, Ia.	1,877	P. R.	July, 1884	900	1,000	20,000
740	Mamaroneck, N. Y.	1,863		no returns			
741	Stroudsburg, Pa.	1,860		July, 1882	138	1,084	unknown
742	Cleburne, Texas.	1,855	P. T.	May, 1884	works	just	completed
743	Salinas City, Cal.	1,854	P. T.	July, 1884	4,000		80,000
744	Orangeville, Ont.	1,850	P. R.	July, 1884	600	0	fire protection only
745	Webster City, Ia.	1,848	P. T. P. D.	July, 1884	850	700	15,200
746	Prescott, Ariz.	1,836	P. R.	July, 1884	In progress		
747	Parker City, Pa.	1,835	P. T.	Feb. 1884	1,800	4,000	120,000
748	Waterford, N. Y.	1,822		Feb. 1882	for fire	protection	

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price by City.	Kind of Pipe.	Services.
719	Pub.	6	10-3	200	150	1	74	0	Cast iron	Enameled iron
720	Pub.	4	8-4	60		1	27	0	Wyckoff wood	Iron and wood
721	Co.	4	8-6	70			5	0	Sheet iron and cement	Gal. iron
722	Co.	1.9	8-2				6		Cast iron	Iron
723	Co.	nore	turns							
724	Co.	2.5	10-3			1	21	40	Cast iron	Gal. and black iron
725	Co.	7	10-4				23		Sheet iron and cement	Cement-lined iron
726	Pub.	nore	turns							
727	Pub.	6.5	12-4	385	325	0	25		Cast iron	Lead
728	Pub.	1	6	3		0	6		Cast iron	
729	3 Cos.	nore	turns							
730	Co.	8.5	10-				55	60	Cast iron	
731	Co.	6	8-3	225		0	30	1,000 for all	Cast iron	Iron
732	Pub.	3.5					25	0	Cast iron	Lead
733	Co.	5	8-6			6	26	45	Cast iron	
734	Co.	5	8-4	150	400	0	35	3,000 for all	Wyckoff wood	Gal. iron
735	Pub.	2	8-6	40			24		Cast iron	Iron
736		nore	turns							
737	Pub.	2½	8-4				20		Wrought iron	
738	Co.	nore	turns							
739	Pub.	2	8-4	100	200	0	21	0	Cast iron	Gal. iron
740	Co.	nore	turns							
741	Co.	3	6-3	75		0	14	23	Cast iron	
742	Pub.	5	10-4			0	30	0	Kalameined wrought iron	
743	Co.	6	6-3	250	320	2	22		Cast iron	Iron
744	Pub.	0.3	6	0		0	7	35	Cast iron	
745	Pub.	1	6	25	608	0	15	0	Cast iron	Iron
746	Pub.	3	8-4				In progress		Wrought iron	
747	Co.	8	4-3	240	500	0	28	300 for all	Wood and cast iron	Gal. iron
748		0.3	8				6			

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Returns.	Expenses Dollars.	Receipts, Dollars.	Daily Consumption Gallons.
749	Petoskey, Mich.	1,815	P. T.	July, 1884	800	900	10,000
750	Mitchell, Ont.	1,802	P. D.	July, 1884	900	0	Fire protec- tion only
751	Seaforth, Ont.	1,800	P.	no returns			
752	West Farnham, Que.	1,800	P.	Mar. 1884	In progress		
753	Watsonville, Cal.	1,799	G.	Dec. 1882	2,046		unknown
754	Belton, Tex.	1,797	P. T.	June, 1884	works	just	completed
755	Benicia, Cal.	1,794	P. R.	July, 1883	8,000	8,000	100,000
756	Tremont, Pa.	1,785	G.	no returns			
757	Vergennes, Vt.	1,782	P. D.	1879			
758	West Cleveland, O.	1,781		Supplied	from	Cleveland	
759	Colusa, Cal.	1,779	P. T.	Dec. 1882	2,800		100,000
760	Belvidere, N. J.	1,773	P. R.	Dec. 1883	932	1,106	50,000
761	Bethel, Conn.	1,767	G.	Mar. 1882	160	1,898	unknown
762	Summit Hill, Pa.	1,763	P.	no returns			
763	Salem, Va.	1,759	P. R.	July, 1884		900	
764	Stonington, Conn.	1,755	G.	Dec. 1884	250		50,000
765	Clay Centre, Kan.	1,753		July, 1884	In progress		
766	Flemington, N. J.	1,751	G. P.	no returns			7,000
767	Oroville, Cal.	1,743	G.	July, 1884	3,000		379,166
768	Marengo, Iowa.	1,738	P. D.	July, 1884	Fire	protection	only
769	Vancouver, Wash.	1,722	G.	July, 1884			150,000
770	Plymouth, N. H.	1,719	G.	Dec. 1881		1,500	50,000
771	Frackville, Pa.	1,707	P. R.	Mar. 1884			unknown
772	Birdsboro, Pa.	1,705	G.	Jan., 1884	works	just	completed
773	Cape May, N. J.	1,699			1,500		200,000
774	Modesto, Cal.	1,693	P. T.	Mar. 1884			450,000
775	Austin, Nevada	1,679	G.	Oct. 1882			30,000
776	Northborough, Mass.	1,676	G.	July, 1884	300	2,400	15,000
777	Marine City, Mich.	1,673	P. D.	July, 1884	In progress		
778	Portland, Mich.	1,670	P.	no returns			

No.	Owner-ship.	Miles of Pipes.	Sizes of Pipes. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Kind of Pipe Mains.	Services.
749	Pub.	1.5	8-6	70	143	0	10	0	Cast iron	Iron
750	Pub.						10	0	Cast iron	
751	Pub.	nore	turns							
752	Co.	4.5	8-4							
753	2 Cos.	6	8-1 $\frac{1}{2}$	300		0	16	\$600 for all	Sheet iron	Tarred iron
754	Pub.	4.5	8-6				26	0	Cast iron	
755	Co.	10	7-2	250	400	15	20	25	Riveted wrought iron	Black iron
756	Co.	nore	turns							
757	Pub.	3.5	8-4				31		Cast iron	
758									Supplied from Cleveland	
759	Co.	5	7-2 $\frac{1}{2}$	151	662	2	14	300 for all	Wrought iron and wood	Iron
760	Co.	4	12-6	152	329	0	19	31.60	Cast iron	Black and gal. iron
761	Pub.	5.1	12-2	180		0	28	0	Cast iron	Gal. iron
762	Co.	nore	turns							
763	Pub.	5	8-3	165		0	17	0	Cast iron	Iron
764	Co.	45	6	12			9	0	Cast iron and sheet iron & cement	
765	Co.	4					40	100		
766	Co.	1.5							Cast iron	
767	Co.	5		200	1,896	0	22	0	Sheet iron	Iron
768	Pub.	2				0	12	0	Cast iron	
769	Co.	13		350	429	1	10	0	Wood and cast iron	Gal. iron
770	Co.	2	8-4	60	833	0	27	25		
771	Co.	2	4	40		0	0	0	Cast iron	Iron
772	Co.	5.6	12-4			0	50		Cast iron	Lead and gal. iron
773	Co.	5	12-10						no returns	
774	Co.	5	6	250	1,800	0		0	Sheet iron	Iron
775	Co.	1	6- $\frac{1}{2}$	250	120	0		0	Riveted galvanized iron	Iron
776	Pub.	7	8-4	147	102	0	40	12.50	Sheet iron and cement	Enameled iron
777	Pub.	4	In progress				27		Cast iron	
778	Pub.	nore	turns						Wyckoff wood	

No.	Name of Town.	Population 1880.	Mode of Supply	Year of Returns.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
779	Ashburnham, Mass.	1,666	G.	July, 1884			3,000
780	Stamford, N. Y.	1,638	G.	Sept. 1884		1,015	unknown
781	Fergus Falls, Minn.	1,635	P. D.	Feb. 1884	Works	just	completed
782	Slatington, Pa.	1,634	G.	Dec. 1881	100	900	unknown
783	Gilroy, Cal.	1,621	G. P. R.	Dec. 1882			unknown
784	Shelburne Falls, Mass.	1,621	P. D.	July, 1884		For fire	protection
785	Berthier, Que.	1,620	P. T. P. D.	Feb. 1884	800	2,200	
786	Avon, N. Y.	1,617	G.	July, 1884	600	1,500	200,000
787	Freeport, Pa.	1,614	P. T.	July 1884	800	1,000	12,000
788	DeKalb, Ill.	1,598	P. T.	Dec. 1882	2,000	600	24,000
789	Lorain, Ohio.	1,595	P. D.	June, 1884	In progress		
790	McPherson, Kan.	1,590	P. T.	July, 1884	100	200	750
791	Eldora, Ia.	1,584	P. T.	July 1884	0	100	unknown
792	Gonzales, Tex.	1,581	P. T. P. D.	July, 1884	Works	just	completed
793	Park City, Utah.	1,542	G.	July, 1884			
794	Blue Island, Ill.	1,542	P. T.	July, 1884	800		
795	Cheshire, Mass.	1,537	G.	July, 1884	150	1,200	unknown
796	Midland City, Mich.	1,529	P. D.	July, 1884	2,000	2,400	240,000
797	Kingston, Mass.	1,524	P. D.	July, 1883			3,800
798	South Evanston, Ill.	1,517	G.	July, 1884	1,000		200,000
799	Oxford, Pa.	1,502	P. R.	Dec. 1882	500	2,000	80,000
800	Canon City, Colo.	1,501	P. R. P. D.	July, 1882	2,000		400,000
801	Tilsonburg, Ont.	1,500	G.	no returns			
802	Uxbridge, Ont.	1,500	P. D.	July, 1884	200	0	Fire protection only
803	Medina, Ohio.	1,484	P.	Feb. 1884			
804	Downingtown, Pa.	1,480	G.	May, 1882			unknown
805	St. Jerome, Ont.	1,450		no returns			
806	Holly, Mich.	1,443	P. D.	Apr. 1883			
807	South Pueblo, Colo.	1,443	P.	July, 1884			
808	Denison, Ia.	1,441	P. T.	Feb. 1884	Works	finished	in 1883

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	Main.	Service.
779	Co.	1	4	25	120	0	7	0	Sheet iron and cement	Iron	
780	Co.	3	8-4	46		0	13	\$15	Cast iron	Lead	
781	Co.	6	12-4	158		0	50	80	Kalameined wrought iron	Kalameined iron	
782	Co.	3	6-4	150		0	0		Cast iron		
783	Co.	5	13-3	135		0	7	0	Wrought iron	Iron	
784	Pub.	nore	turns				3				
785	Co.	3	8-2	400		0	12	200 for all	Cast iron	Lead	
786	Co.	5	4-1	200	1,000	0	10	0	Sheet iron and cement	Iron	
787	Co.	4		100	120	0	1	0	Kalameined wrought iron	Iron	
788	Pub.	1.5	6-4	70	343	0	17	0	Wrought iron & cast iron	Iron	
789	Pub.	6.5	10-4				35		Wyckoff wood		
790	Pub.	0.4	6	6	125	0	8	0	Wrought iron	Iron	
791	Pub.	0.6	6-4	8		0	6	0	Cast iron	Iron	
792	Co.	1.5	4-3	60		0	11	600 for all	Kalameined wrought iron	Gal. iron	
793	Co.		8-2	170		0	12	0	Horton wood	Gal. iron	
794	Pub.	3		30		0	35	0	Cast iron	Iron	
795	Co.	2.5	8-2	140			16		Cast iron	Gal. iron	
796	Pub.	3	8-4	150	1,600	0	31	0	Wyckoff wood	Lead, Wyckoff wood and iron	
797	Co.	2	1 $\frac{1}{2}$	50	76	0	0	0	Lead		
798	Pub.	8		200	1,000	0	58	0	Cast iron	Gal. iron	
799	Pub.	4	8-3	300	266	0	35		Cast iron	Lead	
800	Co.	3.5	10-4	204	1,961	0	21	75	Cast iron	Gal. iron	
801	Pub.	nore	turns								
802	Pub.	1	6	0			10	0	Cast iron		
803	Pub.	0.5	8-4						Wyckoff wood		
804	Co.	7	6-3	200		0	1		Cast iron		
805		nore	turns								
806	Pub.	3	8-4				20	0	Wyckoff wood		
807	Co.	18		400			70		Cast iron	Iron	
808	Pub.	1.5	6	17		0	14		Cast iron		

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Return.	Expenses Dollars.	Receipts Dollars.	Daily Consumption. Gallons.
809	New Milford, Conn.	1,416	G.	July, 1884	500	3,800	unknown
810	Jersey Shore, Pa.	1,411	P.	July, 1884	In progress		
811	Westchester R. C. } N.Y. Protectory	1,408	P. T.	Aug. 1884			24,000
812	Constantine, Mich.	1,405	P. D.	Nov. 1882	250		unknown
813	El Paso, Ill.	1,390	P. T.	July, 1884		150	unknown
814	Walton, N. Y.	1,389	G.	Dec., 1882	25	1,000	30,000
815	Delhi, N. Y.	1,384	G.	Dec., 1882	150	2,000	unknown
816	Gorham, N. H.	1,383	G.	Nov. 1883	96	1,516	25,000
817	Whitesboro, N. Y.	1,370	G.	Feb. 1884		300	
818	San Buenaventura, Cal.	1,370	G.	Feb. 1884	1,425	4,553	unknown
819	Shelton, Conn.	1,362	G.	July, 1884	500	2,500	
820	Fort Collins, Colo.	1,356	P. D.	Mar., 1884	Works	just	completed
821	Plainwell, Mich.	1,356	P. D.	Sept. 1884	300		
822	Georgetown, Tex.	1,354	P. T.	Aug. 1884	Works	just	completed
823	Salem, N. C.	1,340	P. R.	July, 1884	100	700	
824	Richfield Springs, N. Y.	1,307	G.	July, 1884	300	2,000	50,000
825	Evart, Mich.	1,302	P. D.	Feb. 1882	1,935	936	
826	Reno, Nev.	1,302	G.	Feb. 1884			unknown
827	Girard, Kan.	1,289	P. T.	Dec., 1883	150	600	8,000
828	Tidioute, Pa.	1,255	G.	July, 1884	600		
829	San Marcos, Tex.	1,232	P. R.	Dec. 1883	Works	just	completed
830	Olympia, Wash.	1,232	P. R.	Feb. 1884	2,000	5,000	60,000
831	Crookston, Minn.	1,227	P. D.	Dec., 1883	1,238	350	4,000
832	Wadsworth, Ohio.	1,219	G.	July 1884	100	800	
833	Sanford, Fla.	1,200	P. T.	Mar. 1884			25,000
834	Chamberlain, Dak.	1,200	P. R.	Feb. 1884	Works	just	completed
835	Petrolia, Pa.	1,186	P. T.	Dec. 1882	1,957	2,755	40,000
836	Coney Island, N. Y.	1,184	P. T.	Dec. 1882			unknown
837	Parkdale, Ont.	1,170	P. D.	Dec. 1882	800		55,000
838	Clarion, Pa.	1,169	P. T.	Dec. 1883	1,330	2,480	40,000

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	
									Main.	Services.
809	Co.	4.7	6-4	150		1	33	600 for all	Cast iron	Gal. iron
810	Co.	3	In progress					1,000 for all	Cast iron	Lead
811	Co.									
812	Pub.	4	10-4	41		0	37	0	Wyckoff wood	Gal. iron
813	Pub.	0.4	6	12			8	40	Wyckoff wood.	Iron
814	Co.	3.8	12-1 $\frac{1}{4}$	90	333	0	22	0	Cast iron	Enameled, gal. & plain iron and lead
815	Co.	3.5	6-3	170		0	35	0	Cast iron	Lead
816	Co.	1.8	4-2	70	357	0	9	15	Cast iron	Gal. iron
817	Co.	2.5	4-3	32					Cast iron	Iron
818	Co.	5.5	12-1 $\frac{1}{2}$				6	0	Asphalted riveted wrought iron	Gal. iron
819	Co.	4		102		1	27	30	Cast iron	Gal. iron
820	Pub.	12	12-4	140		0	40	0	Lap-welded wrought iron	Lead and gal. iron
821	Pub.	1.3	6-4			0	11	0	Wyckoff wood and cast iron	Iron
822	Pub. & Co.	5	10-4	0		0	20	0	Kalamined wrought iron	Iron
823	Co.	3	8-2	70		25	27	0	Cast iron	Iron
824	Pub.	4.8	10-4	104	481	0	24	0	Cast iron	Iron
825	Pub.	1	4-1 $\frac{1}{8}$				10		Wyckoff wood	
826	Co.	8	15-2			0	10		Riveted wrought iron	Iron
827	Pub.	0.5	6	35	229	0	4	0	Cast iron	Iron
828	Co.	7		111		0	23	500 for all	Cast iron	Gal. iron
829	Co.	3	6-4	75		6	13	100	Cast iron and wrought iron	Iron
830	Co.	8	8-4	200	300	0	11	60	Horton wood	Gal. iron
831	Pub.	0.4	10-6	5	800	0	4	0	Cast iron	Iron
832	Co.	3.5		128		0	0	0	Wyckoff wood	Gal. iron
833	Co.	3.3	6-3	70	357	0	5	0	Cast iron	Enameled iron
834	Pup.	1.5	5			0	10	0	Wrought iron	Gal. Iron
835	Co.	5	3 $\frac{1}{2}$ -2	25	1,600	0	15	12	Wrought iron	Lead and gal. iron
836	Co.	6	14-4			0			Cast iron	Lead and iron
837	Pub.	7.6	10-4			0	55	0	Cast iron	Lead
838	Co.	2	6-4	140	286	1	11	10	Cast iron	Lead and iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
839	Blairsville, Pa.	1,162	P. R.	Apr. 1881	1,000	2,800	125,000
840	Cochituate Village, Mass.	1,161	G. P. D.	July, 1884	300	2,500	unknown
841	Canaan, Conn.	1,157	G.	July, 1884	150	700	unknown
842	Port Byron, N. Y.	1,146	P. R.	July, 1884	300	300	unknown
843	Hanover, N. H.	1,134	G.	July, 1884		1,200	8,000
844	West Point, N. Y.	1,131	G.	Nov. 1883			
845	Ebensburg, Pa.	1,123	P. R.	Feb. 1882		1,100	unknown
846	Springvale, Me.	1,116	G.	July, 1884			
847	Tunkhannock, Pa.	1,116	G.	June, 1882	300	1,400	unknown
848	Mt. Pleasant, Mich.	1,115	P. T. P. D.	July, 1884			
849	Fresno, Cal.	1,112	P. D.	July, 1884	400	700	200,000
850	Randolph, N. Y.	1,111	G.	Aug. 1884	In progress		
851	Weehawken, N. J.	1,102	P. R.	Oct. 1884	Supplied	from	Hackensack
852	Ridgway, Pa.	1,100	G.	no returns			
853	Boyerstown, Pa.	1,099		no returns			
854	Tacoma, Wash.	1,098	G. P. R. P. D.	Sept. 1884	In progress		
855	Reed City, Mich.	1,091	P. D.	Dec. 1882	1,500		
856	Oregon, Ill.	1,088	P. R.	no returns			
857	Chase, Mich.	1,087	P.	Feb. 1884			
858	St. Johnsville, N. Y.	1,072	G.	Feb. 1884	250	500	unknown
859	Granville, N. Y.	1,071	P. T. P. D.	July, 1884	works	just	completed
860	Yreka, Cal.	1,059	G.	July, 1884	600	3,600	60,000
861	Warwick, N. Y.	1,043	G.	June, 1882		700	unknown
862	Hollister, Cal.	1,034	P. R.	July, 1884			100,000
863	Kennett Square, Pa.	1,021	P.	no returns			
864	Quinnesec, Mich.	1,000	P. D.	Feb. 1884			
865	North Springfield, Mo.	994	G. P.	Supplied	from	Springfield	
866	Williamstown, Mass.	984	G.	July, 1884	10		unknown
867	Milford, Pa.	983	G.	no returns			
868	Tombstone, Ariz.	973	G.	Aug. 1882			unknown

No.	Owner-ship.	Miles of Pipe.	Size of Pipe. Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe.	Main.	Services.
839	Pub.	2.8	8-3	270	463	0	18	0	Cast iron		Lead and gal. iron
840	Pub.	5	10-4	160		0	32	394 for all	Cast iron		Iron
841	Co.	2	6-1	80		0	6	0	Cast iron		Iron
842	Pub.	3	6-4	30		0	33	0	Cast iron		Iron
843	Co.	2.5	2	170	47	0	0	0	Lead		Lead
844	Pub.	4	6						Cast iron		
845	Pub.	1.5	6-4	40		0	16		Cast iron		Iron
846	Co.	3		150			4		Cast iron and wrought iron		Iron
847	Co.	4	8-3	150		0	10	5	Cast iron		Lap-welded iron
848	Pub.	2	8-4	12			15	0	Cast iron		Lead
849	Co.	3	4	300	667	2	1	0			
850	Co.	4	8-4				15		Cast iron		Gal. iron
851	Co.							Supplied	from Hackensack		
852	Co.	nore	turns								
853		nore	turns								
854	Co.	11	12-4				54		Cast iron		
855	Pub.	1	8-4	25		0	10	0	Wyckoff wood		Iron
856	Pub.	nore	turns								
857	Pub.	0.4	6-4				5		Wyckoff wood		
858	Pub.	4	2	100			0		Cast iron		Iron
859	Co.		6	100		0	12	0	Cast iron		Black iron
860	Co.	2	6-4	92	653	0	12	25	Bored logs and cast iron		Black iron
861	Pub.	4	12-4			0	27	0	Sheet iron and cement		Iron
862	Co.	6	6-4	200	500	2	38	0	Sheet iron		Iron
863	Pub.	nore	turns								
864		1	6-4				10		Wyckoff wood		
865	Co.	nore	turns								
866	Co.	3		200		0	4	0	Cast iron		Iron
867	Co.	nore	turns								
868	Co.		7-3			0	53		Wrought iron		

No.	Name of Town	Population 1880	Mode of Supply	Year of Returns	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
869	Sherburne, N. Y.	944	G.	Dec. 1883	Just completed		unknown
870	Anniston, Ala.	942	P. T.	July, 1884			
871	Greenwich, Conn.	942	G.	Apr. 1882			unknown
872	Dutch Flat, Cal.	939	G.	July, 1884		1,500	
873	San Mateo, Cal.	932		no returns			
874	Alma, Mich.	925	P. D.	Mar. 1884			
875	Unadilla, N. Y.	922	G.	Feb. 1884			
876	Wilmington, Cal.	911	P. R.	July, 1884			18,000
877	Lincoln, Mass.	907	P. R.	July, 1884	600	600	unknown
878	Fremont, Mich.	902	P. D.	no returns			
879	Gunnison, Colo.	888	P. T.	July, 1884	4,200	7,700	120,000
880	Jacksonville, Ala.	882	G.	no returns			
881	State Centre, Ia.	880	P. T.	July, 1884	100		1,500
882	Ouray, Colo.	864	G.	Sept. 1884	1,200	3,500	unknown
883	Great Falls, N. H.	859	P.	no returns			
884	Emaus, Pa.	847	G.	Dec. 1883	21	887	unknown
885	Anaheim, Cal.	833	P.	no returns			
886	Nahant, Mass.	808	P. D.	Sept. 1884	Supplied from	Lynn	
887	Gladbrook, Ia.	800	P. T.	July, 1884	10	0	For fire protection only
888	Lansdale, Pa.	798	P. T.	Feb. 1884		Just completed	
889	Audubon, Ia.	792	P. T.	July, 1884	25		unknown
890	East Saugus, Mass.	786	P. R.	July, 1884	Supplied from	Lynn	
891	Bainbridge, N. Y.	781	P.	July, 1884	400	1,400	
892	Buda, Ill.	778	P. T.	no returns			
893	New Bethlehem, Pa.	773	P. R.	Feb. 1884			unknown
894	Longmont, Colo.	773	G.	Aug. 1884	1,000	5,000	unknown
895	Northville, N. Y.	763		no returns			
896	Winnemucca, Nev.	763	G.	July, 1884	1,000		250,000
897	Ida Grove, Ia.	759	P. T. P. D.	Dec. 1883	375	585	12,000
898	Candelaria, Nev.	756	G.	Sept. 1884			

No.	Owner-ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains. Services.	
869	Pub.	3.8	20-4			0	15	0	Cast iron	Iron
870	Co.	4	10-4			0	35	0	Cast iron	Iron.
871	Co.	6.5	12-4	120		0	26	\$1,000 for all	Cast iron	Lead
872	Co.	1	13- $\frac{3}{4}$	80		0	9	100	Sheet iron and cement	Wood and iron
873	Co.	nore	turns							
874	Pub.	1	8-4	12		0	11	0	Wyckoff wood	
875	Co.	1	6-4	12			5	0	Asphalted wrought iron	Iron
876	Co.	4	3	180	100	1	3		Wrought iron	Iron
877	Pub.	3	8-6	32		0	11	0	Sheet iron and cement	Cement-lined iron
878	Pub.	nore	turns							
879	Co.	3.5	12-6	75	1,600	0	52	100	Cast iron	Gal. iron
880	Pub.	nore	turns							
881	Pub.	1	6	9	167	0	11	0	Cast iron	Iron
882	Pub.	3		350		0	9	0	Cast iron	
883	Co.	nore	turns							
884	Pub.	2	4-3	158		0	10	0	Cast iron	Iron
885	Pub.	nore	turns							
886	Pub.	nore	turns							
887	Pub.	0.5	6	0		0	3	0	Wyckoff wood	
888	Co.	1	8-4	35		0	5	0	Cast iron	Lead
889	Pub.	0.5	6-3	25		0	5	0	Cast iron	Iron
890	Pub.	1.5	8-6	60		0	8	10 per hour when in use	Sheet iron and cement	Cement-lined iron
891	Co.	5				0	20	15	Wrought iron	
892	Co.	nore	turns							
893	Co.	1.5	6-4			0	11	25	Cast iron	Gal. iron
894	Pub.	14	8-3	250		0	32	0	Wrought iron	Gal. iron
895		nore	turns							
896	Co.	3	5	100	3,500	0	11		Wrought iron	Iron
897	Pub.	1.3	6-4	48	250	0	11	0	Cast iron	Iron
898	Co.	26				10	0	0	Spiral riveted wrought iron	

No.	Name of Town.	Population 1880	Mode of Supply	Year of Returns	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
899	Lyons, Mich.	747	P. D.	Feb. 1883		Fire pro	tection only
900	Pioche, Nev.	745	G.	July, 1884			
901	El Paso, Texas.	736	P. R.	July, 1884	9,600	15,000	150,000
902	Athens Asylum, O.	725	P. R.	Feb. 1884			
903	Edmore, Mich.	704	P. R.	Dec. 1883	500	300	8,000
904	Taylor, Texas.	700		no returns			
905	Chateaugay, N. Y.	680	G.	July, 1884	100	800	5,000
906	Cottage City, Mass.	672	P. D.	Aug. 1884		Fire pro	tection only
907	Lenox, Mass.	664	G. P. R.	Dec. 1882		2,200	80,000
908	Sheridan, Mich.	661	P. D.	no returns			
909	North San Juan, Cal.	656	G.	no returns			
910	Lampasas, Texas.	653	P.	Mar. 1884	In progress		
911	Columbia, Cal.	650	G.	Sept. 1884	800	1,200	30,000
912	Odebolt, Iowa.	637	P. T.	Aug. 1884	In progress		
913	Ithaca, Mich.	600	P. T.	Sept. 1884		no	returns
914	University of } Va. Virginia.	600	G. P. T.	Jan. 1882			unknown
915	Cote St. Antoine, Que.	600	P. R.	Mar. 1884	Works	just	completed
916	Garden City, N. Y.	574	P. D.	Dec. 1882			750,000
917	North Conway, N. H.	553	G.	Feb. 1884			unknown
918	Sand Beach, Mich.	534	P. D.	July, 1884	500	500	unknown
919	New Carlisle, Ind.	530	P. T.	Dec. 1882	350	350	5,000
920	Tioga, Pa.	520	G. P.	July, 1884			300,000
921	Andes, N. Y.	496	G.	Apr. 1882	25	380	3,000
922	Reinbeck, Ia.	482	P. T.	July, 1884			unknown
923	Glenwood, Minn.	464	G.	July, 1884	200	100	
924	Fairplay, Colo.	450	G.	July, 1884	600	500	unknown
925	Elizabethtown, N. Y.	445	G.	no returns			
926	Cloverdale, Cal.	430	G.	no returns			
927	New Jersey Reform } N. J. School, Jamesburg.	400	P. R. P. D.	Mar. 1884		0	25,000
928	Wahpeton, Dak.	400	P. D.	July, 1884	In progress		

No.	Owner-ship.	Miles of Pipe.	Size of Pipes Inches.	No. of Taps.	Daily consumption per Tap.	No. of Meters.	No. of Fire hydrants.	Annual Price per Hydrant by City.	Main.	Kind of Pipe.	Services.
899	Pub.	0.3		0						Wyckoff wood	
900	Co.	7	8-5			0	20			Double riveted sheet iron	Iron
901	Co.	6	11-4	250	600	153	28	2,680 for all		Riveted sheet iron	Black iron
902	Pub.	1.5	6	350		0	22			Cast iron	Iron
903	Pub.	1	3½-3	25	320	0	8	0		Wrought iron	Iron
904		nore	turns								
905	Co.	3	6-4	85	59	0	14	200 for all		Sheet iron and cement	Gal. iron
906	Pub.	0.5	10	0			7			Cast iron	
907	Co.	5	4-3	105	762	0	6	0		Cast iron	Iron
908	Pub.	0.3	6				4			Wyckoff wood	
909	2 Cos.	nore	turns								
910	Co.	4.5	8-4				40	75			
911	Co.	5		75	400	0	1	0		Cast iron and wrought iron	Iron
912	Co.	1	6-4	30		0	10	50		Cast iron	Iron
913	Pub.		4	no	returns					Cast iron	
914	Univ.	2	5-3			0	6			Cast iron	Iron
915	Co.	2.3	10-4	110		6	4	0.40 per 1,000 gals.		Cast iron	Lead
916	Co.	4	12-4	125	6,000	0	45			Cast iron	Iron
917	Co.	3.5	10-3	40		0	6	0		Cast iron	Iron
918	Co.	1.3	5-1½	5		0	18			Wyckoff wood	Wyckoff wood
919	Pub.	1	6-4	45	111	0	17	.		Wyckoff wood	
920	Co.	3.2	12-3			0	15	20		Wyckoff wood	Gal. iron
921	Co.	1.5	6-3	100	30	0	20			Cast iron	Lead
922	Pub.	0.5	8	2			4	26		Wyckoff wood	
923	Pub.	1.4		6			4	0		Wrought iron	Gal. iron
924	Pub.	1.6		28		0	14	0		Wrought iron	Black and gal. iron
925	Co.	nore	turns								
926	Co.	nore	turns								
927	Pub.	1.3	4	7	3,571		3	0		Wrought iron	Iron
928	Co.	5		150			25	80		Kalamined wrought iron	Kalamined iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of returns.	Expenses. Dollars.	Receipts. Dollars.	Daily Consumption Gallons.
929	Ephrata, Pa.	392	G.	July, 1884	50	300	1,000
930	Amesville, Conn.	377	G.	Dec. 1882	25		unknown
931	Hood River, Oregon.	364	G.	Apr. 1884			
932	Fort Snelling, Minn.	352	P. T. P. D.	Aug. 1883			unknown
933	Hillburn, N. Y.	350	G.	Dec., 1882			unknown
934	Hyde Park, Vt.	331	G.	Dec. 1882	200	200	unknown
935	Pleasant Hill, Ky.	300	P. T.	1876	1,000		
936	Silverton, Colo.	264	G.	no returns			
937	Mission San Jose, Cal.	246	G.	Dec. 1880	40	600	20,000
938	Mandan, Dak.	239	P. D.	July, 1884	Fire	protec	tion only
939	Hamilton, Nev.	203	P. R.	June, 1881			10,000
940	Morgan Park, Ill.	187	P. T.	Sept. 1884			
941	Huron, Dak.	164	P.	Aug. 1884	3,000	2,000	200,000
942	Hamorton, Pa.	159	P.	no returns			
943	Roscommon, Mich.	114	P.	no returns			
944	Fryeburg, Me.	88	G.	Dec. 1883			10,000
945	Rich Hill, Mo.	36	P. S.	July, 1884			30,000
946	Ashland, Minn.		P.	July, 1884	In progress		
947	Astoria, Montana.			July, 1884	In progress		
948	Ct. State Industrial School for girls, Middletown, Ct.		G.	July, 1884	0	0	
949	Cornell University, N. Y.		P. R.	Aug. 1884		0	50,000
950	Hailey, Idaho.		G.	July, 1884	500	3,600	
951	Lincoln Park, (Chicago) Ill.		P. D.	June, 1884			
952	Menlo Park, Cal.		G.	Oct. 1884			
953	Missoula, Mont.			no returns			
954	North Carolina Insane Asylum, } N. C.		G.	Nov. 1882			
955	Phenix Furnace, N. Y.		G.	Dec. 1882	100	0	
956	Prospect Park, } N. Y. (Brooklyn).		P. R.	no returns			
957	Providence, Pa.		G.	no returns			
958	Pullman, Ill.		P. D. P. S.	Sept. 1884	Supplied from Hyde Park	27,000	

No.	Owner-ship.	Miles of Pipe.	Size of Pipe. Inches.	No. of Taps.	Daily Consumption per Tap.	No. of Meters.	No. of Fire Hydrants.	Annual Price per Hydrant by City.	Kind of Pipe. Mains.	Services.
929	Co.	1	6-4			0	6		Cast iron	Iron
930	Co.	0.9	2½	50		0	0	0	Wrought iron	Iron
931	Co.	0.8	1-½						Wrought iron	
932	Pub.	2	6	28		0	11	0	Cast iron	Lead
933	Co.	1	6-2	37		0	0	0	Wyckoff wood	Gal. iron
934	Co.	5	1-½	50		0	0	0	Lead	Lead
935	Co.								Cast iron	
936	Co.	noreturns								
937	Co.	0.6	3-1½	32	625	0	0		Wrought iron	
938	Pub.	1	4	0		0	10	0	Wrought iron	
939	Co.	14	3	125		20	20		Wrought iron	Iron
940	Co.	3	4						Wood	
941	Pub.	2.3		70	2,857	0	16	0	Kalameined wrought iron	Kalameined iron
942	Co.	noreturns								
943	Pub.	1	6-4						Wyckoff wood	
944	Co.	4	6-3	160	63	1	17	0	Cast iron	Iron
945	Co.	8		100	300	6	50	9	Cast iron	Iron
946							40	100		
947			in progress						Wrought iron	
948	Pub.	1.4	6	8		0	5	0	Sheet iron and cement	Iron
949	Univ.	3	6-3	50	1,000	0	12	0	Cast iron	Iron
950	Co.	2		70		0	5	0	Kalameined wrought iron	Iron
951	Pub.	4	8-4				0	0	Cast iron	
952	Co.	8		75		21	0	0	Wrought iron	Iron
953		noreturns							Wrought iron	
954	Pub.	47	6						Cast iron	Iron
955	Co.	1.2	4	8			7		Cement	Gal. iron
956	Pub.	noreturns								
957	Co.	noreturns								
958	Co.	15	18-6	754		100	150	0	Cast iron	Lead and iron

No.	Name of Town.	Population 1880.	Mode of Supply.	Year of Return.	Expenses Dollars.	Receipts Dollars.	Daily Consumption Gallons.
959	Richmond Furnace, Mass.		G.	July, 1884			
960	Salida, Col.		G.	July, 1884	1,000	2,000	
961	San Angelo, Tex.		P. T.	July, 1884	In progress		
962	Sweet Springs, Mo.		P.	no returns			
963	Temple, Texas.		P. S.	Sep. 1884	works	just	completed
964	Tewksbury Alms House, } Mass.		P. B.	Mar. 1884			
965	Wellesley, Mass.		P.		In progress		
966	Holland, Mich.		P. D.	Sept. 1884			
967	Newaygo, Mich.		P. D.	Sept. 1884	In progress		
968	Winooski, Vt.	2,833	G.	Nov. 1884	1,500	3,000	
969	Pittsfield, N. H.	1,974	G.	Oct. 1884			

The following towns in the Alphabetical List, pages 2 to 69, take their water supply from other towns.

No.	Name of Town.	Population 1880.	No.	Name of Town.	Population 1880.
970	Central Falls, R. I.	13,765	979	West Pittston, Pa.	2,544
971	Bayonne, N. J.	9,372	980	Port Carbon, Pa.	2,346
972	Beverly, Mass.	8,456	981	Valley Falls, R. I.	1,861
973	Philipsburg, N. J.	7,181	982	Palo Alto, Pa.	1,588
974	Bloomfield, N. J.	5,748	983	Lonsdale, R. I.	847
975	Chambersburg, N. J.	5,437	984	Silver City, Nev.	605
976	East Providence, R. I.	5,056	985	Hull, Mass.	383
977	Gold Hill, Nev.	4,531	986	Pawtuxet, R. I.	282
978	St. Clair, Pa.	4,149			

No.	Owner- ship.	Miles of Pipe.	Sizes of Pipe. Inches.	No. of Taps.	Daily Con- sumption. per Tap.	No. of Meters.	No. of Fire hy- drants.	Annual Price per Hydrant by City.	Kind of Pipe Mains.	Services
959	Co.	1.3	3-2	30		0	3	0	Cast iron	Gal. iron
960	Pub.	3	8-2½	40		0	11	0	Cast iron	Iron
961	Co.		In progress						Cast iron and wrought iron	Lead
962	Co.	nore	turns							
963	Co.	1					13	1,000 for all		
964	Pub.	1	6				2		Cast iron	
965	Pub.	nore	turns							
966		4.5					30		Cast iron	
967		1.8					12		Wyckoff wood	
968	Co.						21	30	Cast iron	Enameled iron
969	Co.	6	10-4				26		Sheet iron and cement	Cement- lined iron

Since the foregoing tables were made up, information has been received that there are Water-works in the following towns.

No.	Name of Town.	Population 1880.	No.	Name of Town.	Population 1880.
987	Aylmer, Ontario.	2,500	998	Logan, Iowa.	644
988	Bar Harbor, Me.	624	999	Lykens, Pa.	2,154
989	Clearfield, Pa.	1,809	1000	Moorhead, Minn.	1,700
990	Clinton, N. Y.	1,236	1001	Nazareth, Pa.	984
991	Freeland, Pa.	624	1002	Paola, Kan.	2,312
992	Georgetown, Colo.	3,294	1003	Port Chester, N. Y.	3,254
993	Grand Forks, Dak.	1,705	1004	Revere, Mass.	2,263
994	Helena, Mont.	3,624	1005	Shickshinny, Pa.	1,058
995	Jermyn, Pa.	1,541	1006	Smethport, Pa.	872
996	Kent, Conn.	1,622	1007	Walnut, Kan.	1,244
997	Lanesboro, Minn.	1,032	1008	Weatherly, Pa.	1,977

Postscript.

There are known to be 1008 towns supplied with water-works to this date.

Of these works 459 are owned by the towns, 5 are owned nominally by private companies, but the stock is controlled by the town, 500 are owned by private companies, and of 44 the ownership is unknown.

As regards the mode of supply, 348 are supplied by gravity, 624 by pumping, and in 36 the mode of supply has not been ascertained. In 237 towns the water is pumped into reservoirs; and in 149 it is pumped into tanks or standpipes. In 196 towns, as far as can be ascertained, the pumps deliver directly into the mains, without the intervention of a reservoir or a standpipe, and in 61 the pumps are arranged to pump directly into the mains only in case of fire.

Full information and copies of reports from all places having a water supply are desired by the compiler.

January 30, 1885.

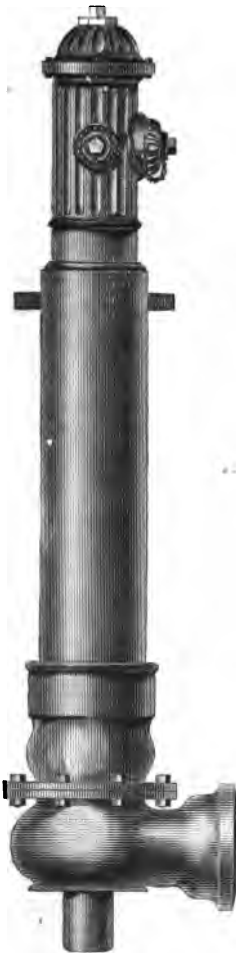
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PHILADELPHIA.

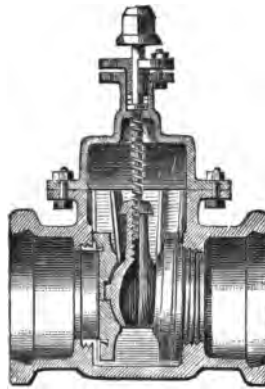
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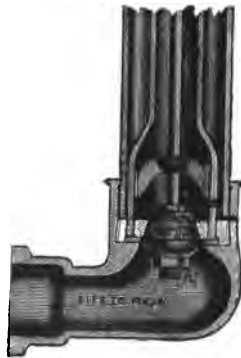
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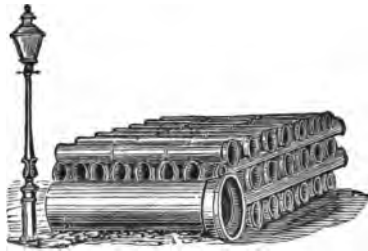
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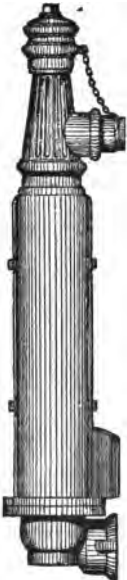
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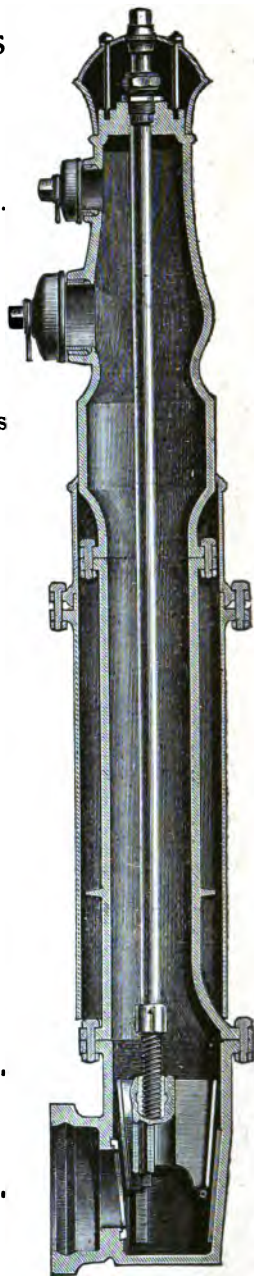
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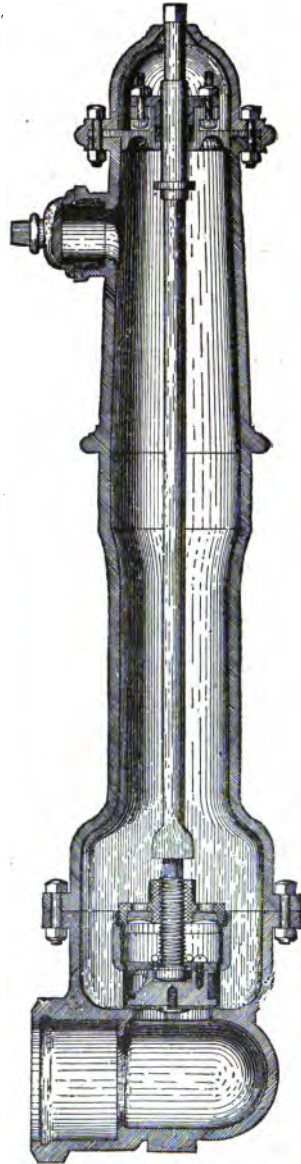
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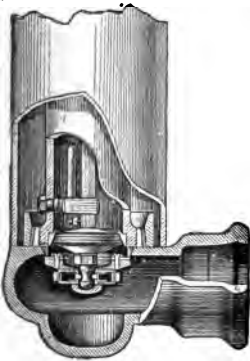
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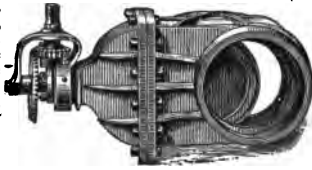
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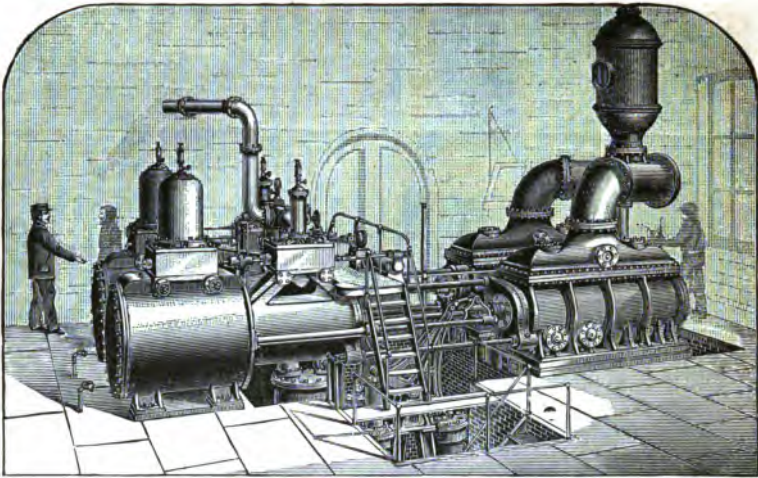


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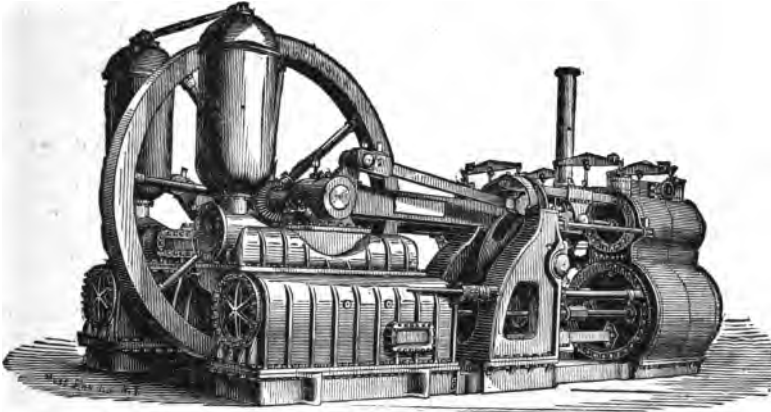
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Nashville, Tenn. one	12,500,000 "	Iowa City, Iowa two	3,000,000 "
Indianapolis, Ind. two	10,000,000 "	Manistee, Mich. two	3,000,000 "
Brockville, Ont. one	1,500,000 "	Frederickton, N. B. one	1,500,000 "
Oshkosh, Wis. two	8,000,000 "	Flint, Mich. two	3,000,000 "
Gainesville, Tex. one	1,500,000 "	Salina, Kan. one	2,500,000 "
Denison, Tex. two	3,000,000 "	Pueblo, Col. one	2,500,000 "
Sioux City, Iowa two	3,000,000 "	Doylestown, Pa. one	1,500,000 "
Buffalo, N. Y. one	15,000,000 "	Adrian, Mich. two	3,000,000 "
Suspension Bridge, N. Y. one	5,000,000 "	West Bay City, Mich. two	3,000,000 "
Olathe, Kansas. one	1,000,000 "	Anburn, N. Y. two	12,500,000 "
Kansas City, Mo. one	4,000,000 "	Fresno, Cal. one	2,000,000 "
New Tacoma, W. T. one	1,000,000 "	Albuquerque, N. M. one	1,000,000 "
Lexington, Ky. two	3,000,000 "	Carrollton, Mo. one	1,500,000 "
Burlington, N. J. one	1,500,000 "	Richmond, Ind. one	4,000,000 "
Des Moines, Iowa one	5,000,000 "	Rockford, Ill. one	2,000,000 "
Omaha, Neb. one	5,000,000 "	Ashland, Wis. two	2,000,000 "
Columbus, Ohio. one	10,000,000 "	Austin, Tex. one	3,000,000 "
Fort Worth, Texas. one	4,000,000 "	46 engines.... Total capacity	150,500,000 gallons.

The Gaskill Engines have shown the following duties:

Saratoga Springs, N. Y., Experts J. W. Hill and Prof. D. M. Greene, 20 hours run, 112,899,993 foot-pounds. Same engine. subsequent test, by Prof. Charles T. Porter 20 hours run, 117,580,000 foot-pounds.

Columbus, Ohio, Expert Prof. Mendenhall, 114,180,000 foot-pounds.

Omaha, Nebraska, Expert J. D. Cook, with soft coal, 101,310,973 foot-pounds.

HOLLY MANUFACTURING CO., Lockport, N. Y.

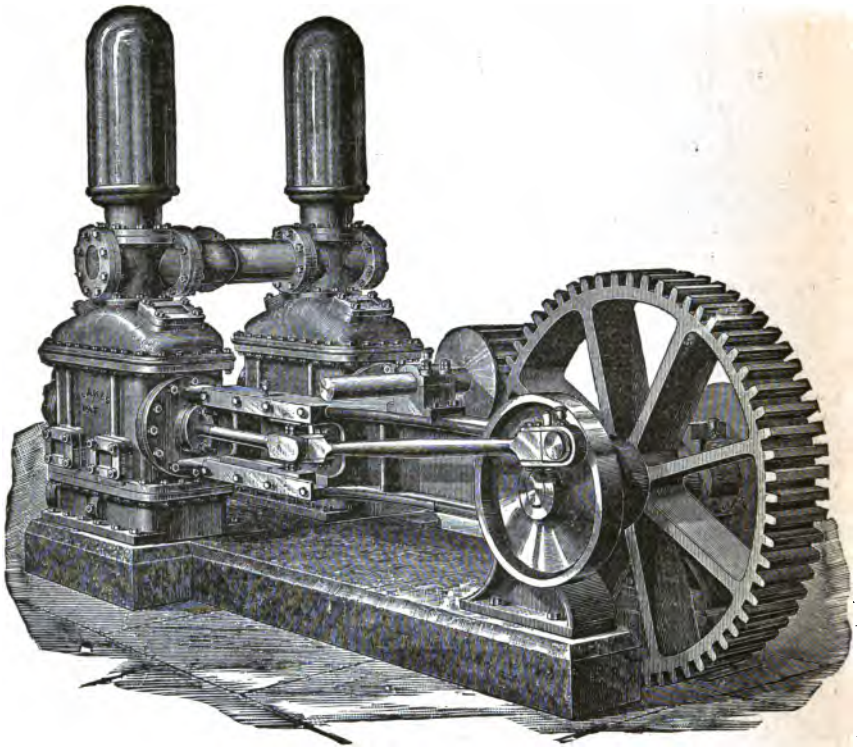
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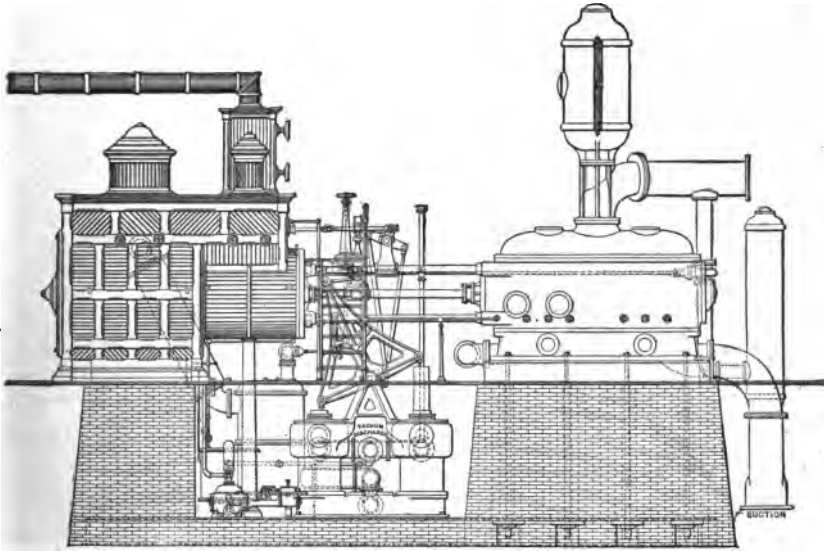
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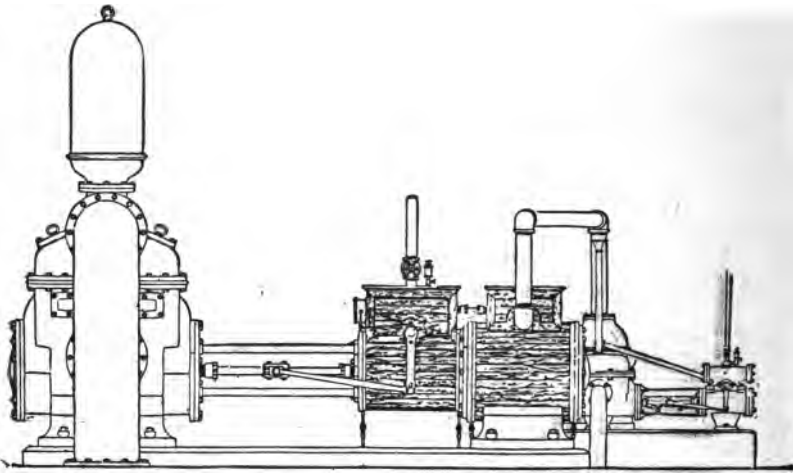
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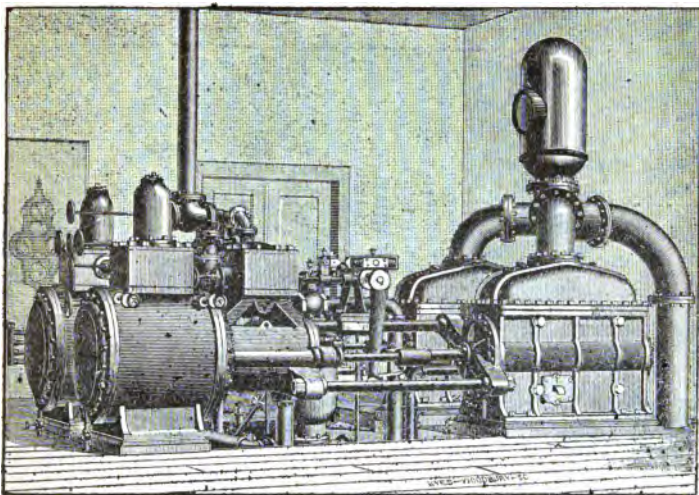
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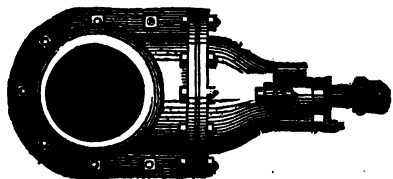
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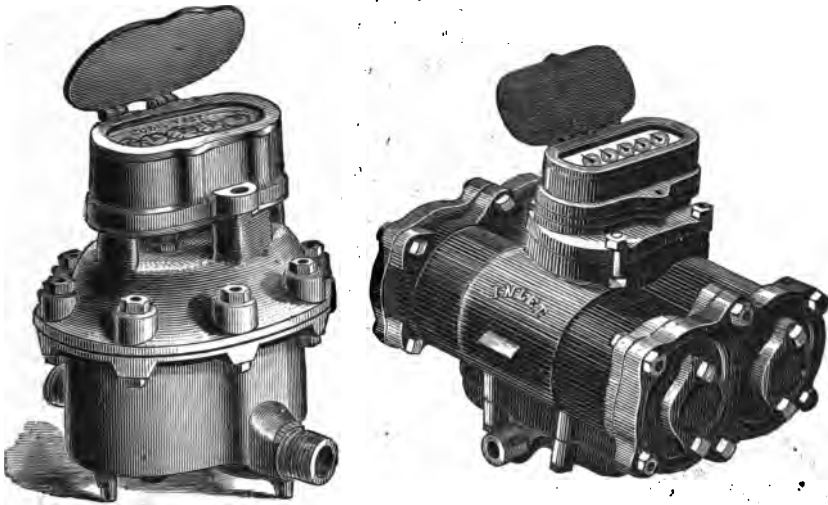
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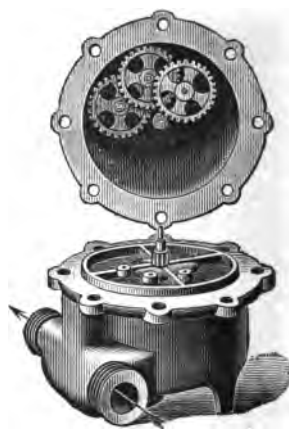
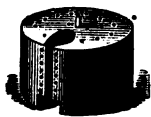
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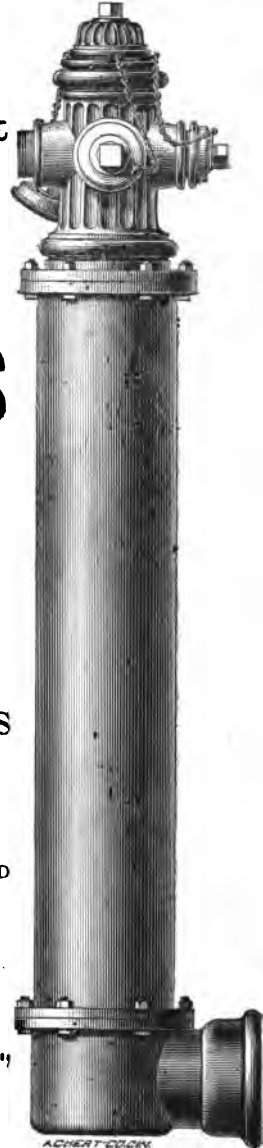
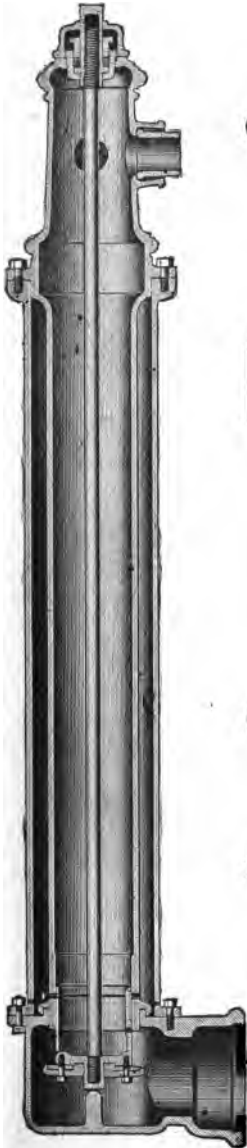
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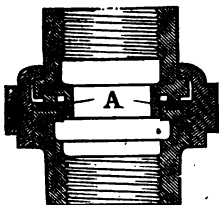
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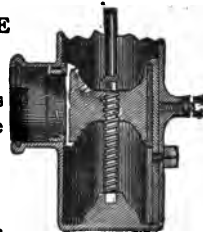
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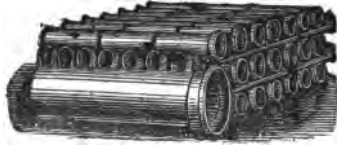
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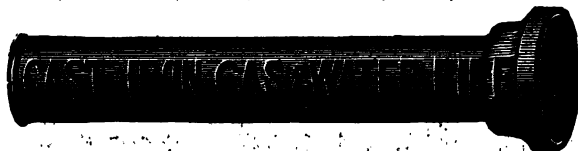
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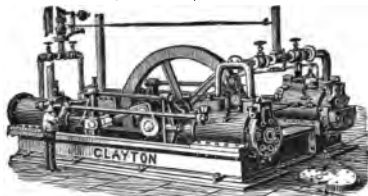
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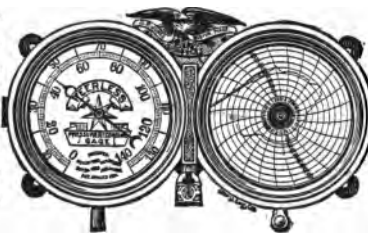
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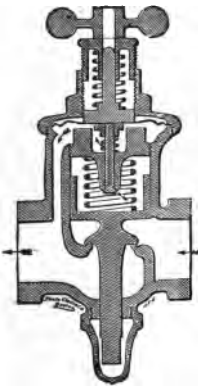
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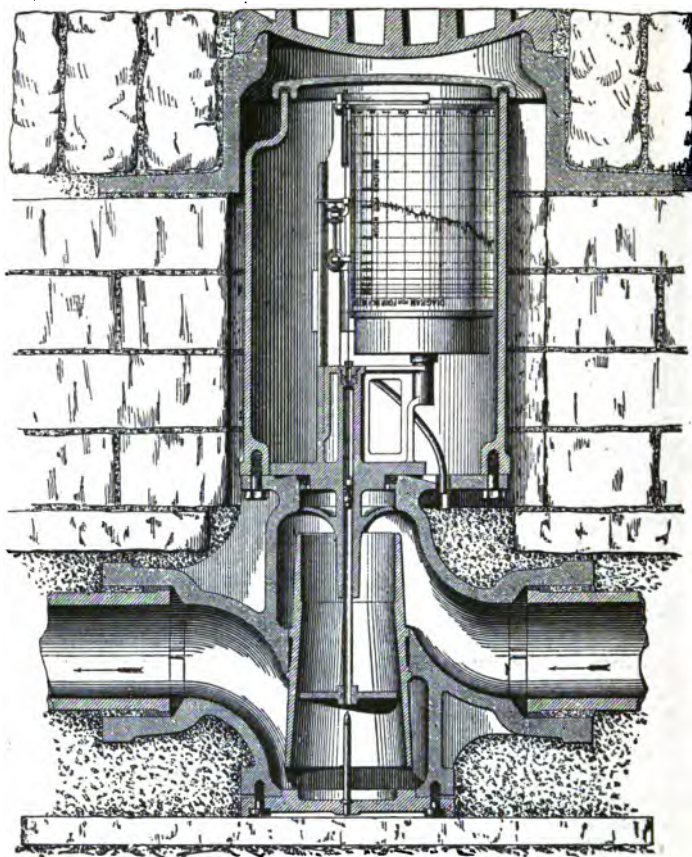
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This Meter is placed either directly upon the main or upon a loop-pipe connected with the main, and is so located as to control the whole flow of water



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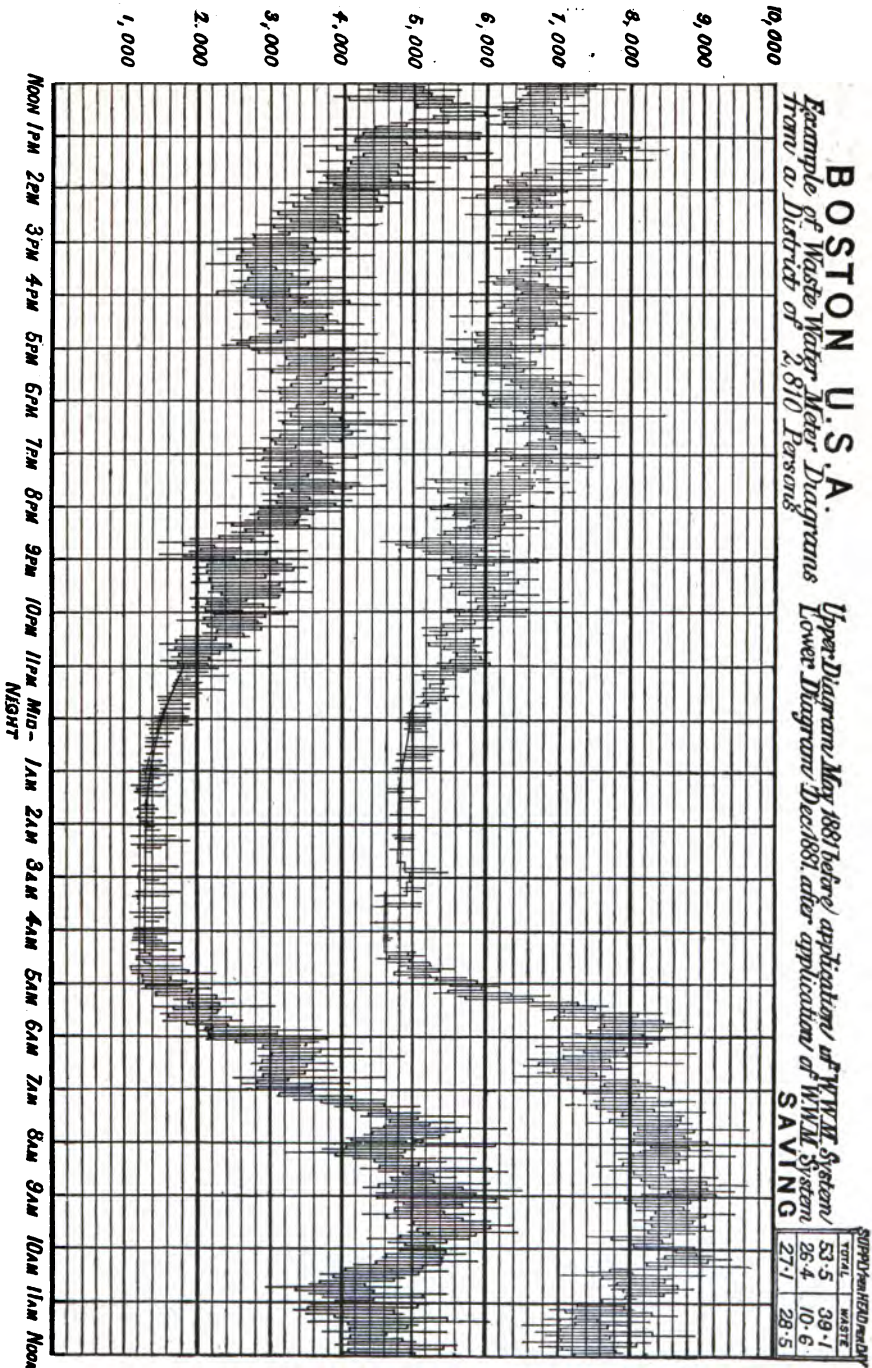
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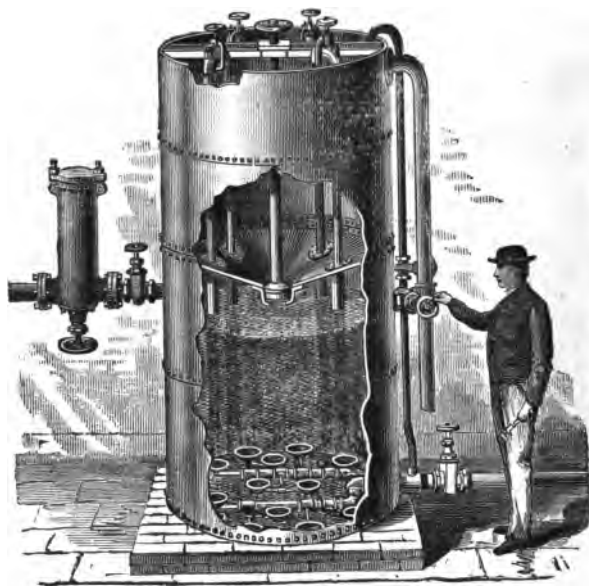
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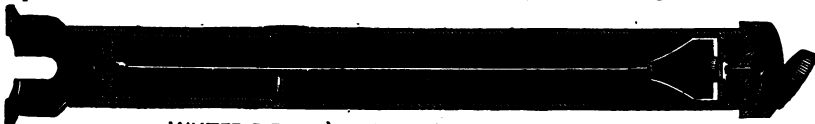


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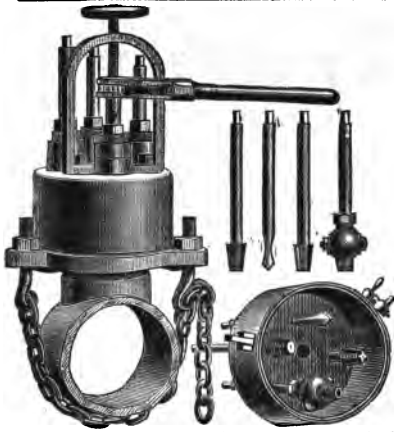
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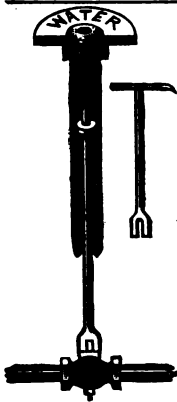
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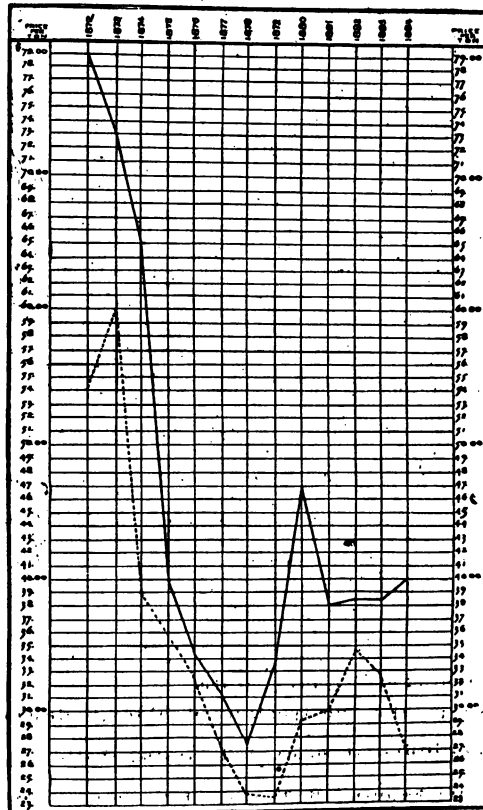
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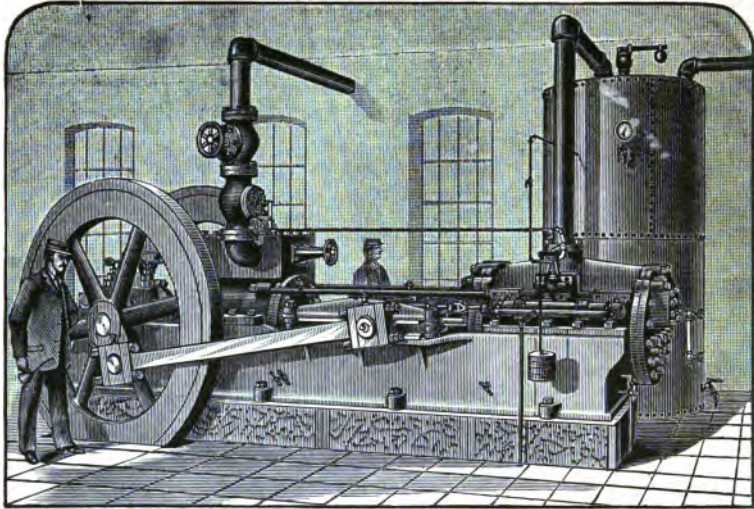
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